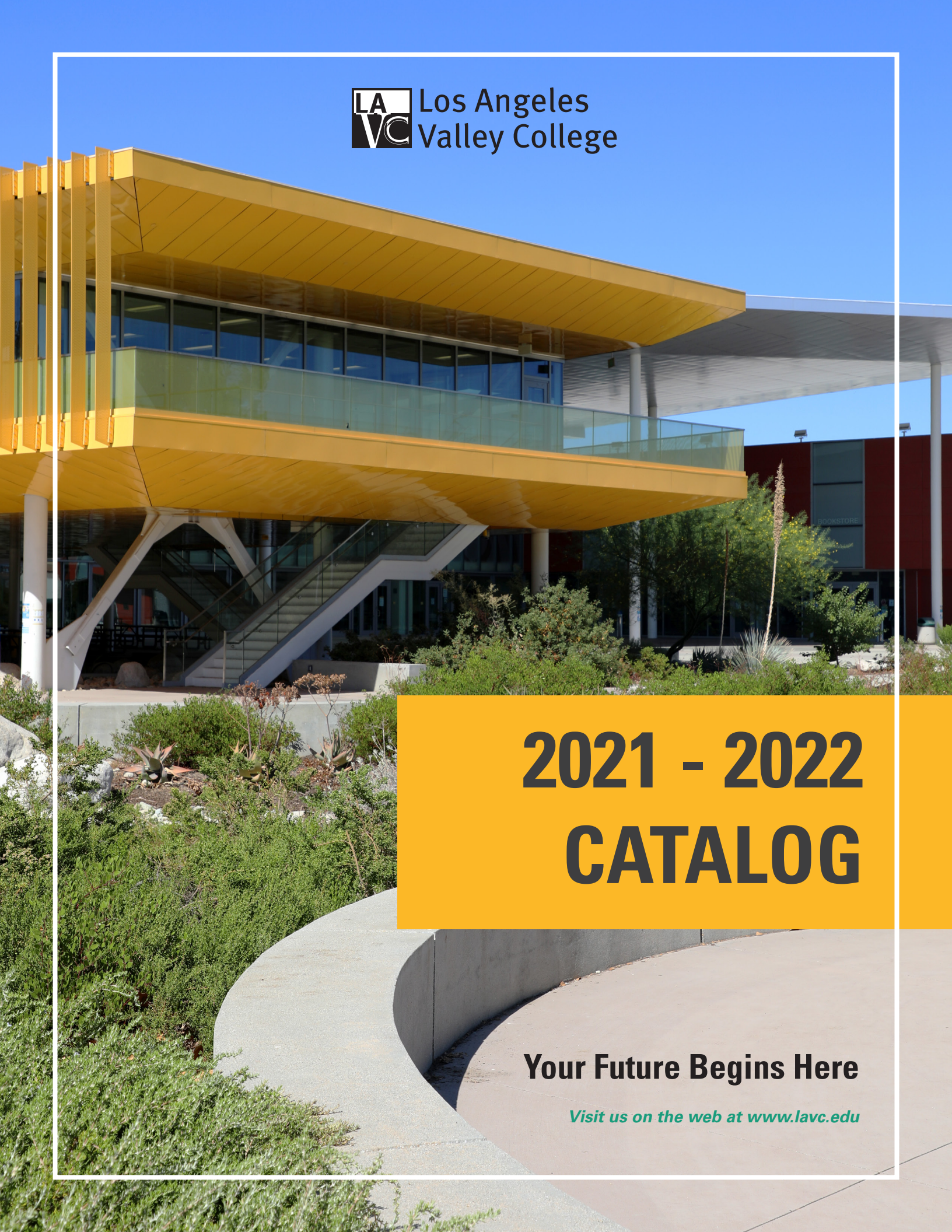

Los Angeles
Valley College
2021 - 2022
CATALOG
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Los Angeles Valley College

5800 Fulton Avenue
Valley Glen, CA 91401-4096
(818) 947-2600

LAVC TELEPHONE DIRECTORY

CAMPUS TELEPHONE: (818) 947-2600

Administrative and College Services

Listed Alphabetically with Telephone Extensions. Dial (818) 947- plus extension.

OFFICE	EXTENSION	OFFICE	EXTENSION
Academic Affairs	2326	Lost & Found	2911
Academic Resource Center	2811	Maintenance & Operations	2301
Admissions and Records	2553	Mosaic Center	(818) 778-5998
Associated Student Union	(818) 778-5516	Museum	2373
Athletic Director	2508	Ombudsperson	2691
Bookstore	2313	Personnel	2414
Business Office	2318	President	2321
CalWORKS	2976	Radio Station (KVCM)	2305
Career/Transfer Center	2646	Receiving	2996
Child Development Center	2931	Scholarships & Grants	2700
Community Services Center	(818) 947-2577 EXT 4172	Services for Students with Disabilities	2681
Cooperative Education	2334	Sheriff's Department	2911
Counseling	(818) 947-2600 EXT 4200	Student Health Center/Psychological Services	(818) 763-8836
Donations	2619	TDD (for Deaf only)	2680
EOPS/CARE/NextUp/Guardian Scholars	2432	TRiO/Student Support Services	2487
Financial Aid	2412	Valley Star (School Paper)	2868
Foundation	2619	Veterans Services	(818) 778-5627
Guiding Your Path to Success Center	2587	Vice President, Academic Affairs	2378
International Students	(818) 778-5517	Vice President, Administrative Services	2336
Job Resources	2334	Vice President, Student Services	2691
Library	(818) 778-5716		

Los Angeles Valley College 2021-2022 Catalog: Matthew Walsh, Editor; Luiza Minasyan, Graphic Designer; with the collaboration of Karen Daar, Vice President of Academic Affairs; Edgar Perez, Curriculum Chair; and Anita Martinez, Articulation Officer.

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2021-2022 CATALOG

Volume 72

Accredited by the Western Association of Schools and Colleges
Los Angeles Valley College is accredited by the Accrediting Commission for Community and Junior Colleges of the Western Association of Schools and Colleges (10 Commercial Blvd., Ste. 204, Novato, CA 94949, 415-506-0234), an institutional accrediting body recognized by the Council for Higher Education Accreditation and the U.S. Department of Education. Information on filing a complaint against the college regarding a possible violation of accreditation standards can be found on the ACCJC website at www.accjc.org.

Accuracy Statement
The Los Angeles Community College District and Los Angeles Valley College have made every effort to make this catalog accurate and may, without notice, change general information, courses, or programs offered. The reasons for change may include student enrollment, level of funding, or other issues decided by the District or college. The District and college also reserve the right to add to, change, or cancel any rules, regulations, policies and procedures as provided by law.

Effective Date: August 30, 2021 - August 28, 2022

2021-2022 Calendar

Fall Semester 2021
Classes: August 30 - December 19, 2021
Finals: December 13 - December 19, 2021

Spring Semester 2022
Classes: February 7 - June 6, 2022
Finals: May 31 - June 6, 2022

LOS ANGELES COMMUNITY COLLEGE DISTRICT BOARD OF TRUSTEES

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VACANT	SECRETARY

PRESIDENT'S MESSAGE

Welcome to Los Angeles Valley College



On behalf of the faculty, staff, and administrators, I would like to welcome you to Los Angeles Valley College. We are passionate about our goals of supporting access, equity, and success, and are committed to supporting you in achieving your educational goals.

As you can see by the catalog's content, Valley College offers all the general education courses you need to transfer to a major university. For students specifically seeking to transfer to a CSU campus, we currently offer 26 approved Associate Degrees for Transfer. Valley College also offers courses and programs that prepare you to succeed in a wide array of occupational fields, in addition to courses that help you enhance your basic skills. Complementing these programs, Valley College provides you with opportunities to participate in Extension and Community Education programs. With a focus on supporting success in these instructional programs, we provide services and programs which have been designed to meet the needs of members of our diverse student population.

Valley College publishes a schedule of classes prior to each academic session, and both the catalog and the schedule of classes are available on our website at www.lavc.edu. If you don't find the answers to your questions as you browse through the catalog or the website, our dedicated staff and faculty are available to help you.

Again, welcome to Valley College. I wish you success in reaching your educational goals.

Sincerely,

Barry Gribbons, Ph.D.
President

Los Angeles Valley College is a proud member of the:
American Assoc. of Community Colleges

AACC AMERICAN ASSOCIATION of COMMUNITY COLLEGES

Member of the American Association of Community Colleges, a national organization representing 1,200 colleges serving over 11 million students nationwide.

One Dupont Circle, NW, Suite 410 • Washington, DC 20036
Tel: 202.728.0200 • Fax: 202.833.2467 • www.aacc.nche.edu

MISSION:

Los Angeles Valley College serves as our students' pathway to their success and career goals. We embrace the diversity of our community and strive to empower all members to be engaged, confident, and productive. Our comprehensive curriculum and support services enrich learning and inspire our students to achieve their personal goals, including completion of certificates, degrees, and transfer requirements. We are dedicated to providing continuing education, and enhancing personal development and quality of life.

CORE VALUES:

RESPECT, DIVERSITY, OPENNESS AND SUPPORT

Los Angeles Valley College is a respectful and supportive community, open to all learners. We recognize diversity by offering extensive resources and pathways within a vibrant and evolving campus. Our focus on equity and inclusion will ensure our disproportionately impacted students are served.

STUDENT GROWTH THROUGH INNOVATIVE TEACHING AND LEARNING

The college creates a learning-centered environment that offers a broad range of academic and career pathways and services in an atmosphere of academic freedom and collaboration responsive to students, faculty, staff, and community. The college proactively guides, helps navigate, and supports students' growth to fulfill their educational goals through innovative teaching and learning.

RESOURCEFULNESS AND ENVIRONMENTAL STEWARDSHIP

The college strives to be effective stewards of our physical, technological, and financial resources to maximize institutional effectiveness. The college fosters sustainability and pride in our vibrant and evolving campus.

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GENERAL INFORMATION

College Information

COLLEGE HISTORY

Los Angeles Valley College was created in June 1949 to meet the tremendous growth of the San Fernando Valley during the 1940's and early 1950's. In September 1949, the college was officially chartered by the Los Angeles Board of Education. The pioneer class comprised of 439 students (254 men and 185 women), who were taught by 23 faculty members in five bungalows at Van Nuys High School. Vierling Kersey served as the first director of the college.

The college moved to its present site in the heart of the San Fernando Valley during the summer of 1951. At the opening semester on the new campus, enrollment was 1,003 students, with 55 faculty. The student body was housed in 33 temporary bungalow structures, which increased to 45 bungalows between 1951 and 1956 to meet the growing enrollment. By 1952, the fall enrollment exceeded 2,300 students.

After separating from the Los Angeles Unified School District, the Los Angeles Community College District (LACCD) was formed in 1969. The first independent Board of Trustees was elected the same year. LAVC is one of nine college campuses in the Los Angeles Community College District.

From 1959 to the 1970's, the college added 20 permanent buildings. These buildings included a library, administration building, cafeteria, theater arts, planetarium, campus center, and classroom buildings with science laboratories.

In 2001, LAVC began a bond-funded $704 million renovation and building project to improve aging college facilities, upgrade infrastructure, and construct new building. Its existing buildings on the campus were renovated, and it has replaced older facilities with 13 new LEED-certified sustainable buildings.

Today, LAVC serves over 26,000 students annually from the neighboring communities of Van Nuys, Burbank, Studio City, Sherman Oaks, Valley Village, North Hollywood, Panorama City, North Hills, and Encino. The college offers 98 associate degree programs (including 26 associate degrees for transfer), 63 certificates of achievement, 17 non-credit certificates, and 10 skills certificates, as well as continuing education, noncredit, and job training programs. It has nearly 200 full-time faculty and more than 400 part-time instructors. LAVC is accredited by the Accrediting Commission for Community and Junior Colleges, and is a Hispanic-Serving Institution.

COLLEGE FACILITIES

Los Angeles Valley College is a 104-acre community college located heart of the San Fernando Valley. The tree lined campus is affectionately known as the first California community college to be designated as a Tree Campus USA.

LAVC is proud of its Administration and Career Advancement building, Allied Health and Sciences Center, Child Development & Family Complex, Community Services Center, Library & Academic Resource Center, Monarch Athletic Center, Student Services Center and Annex, Student Union, and renovated classrooms and laboratories with upgraded smart technology. The college also has a child development center, a family resource center for student parents, and a state-of-the-art television studio. Athletic facilities include a stadium with the only 10-lane Mondo track in southern California, baseball and softball fields, archery field, soccer field, tennis courts, athletic training facility, rock climbing wall, gymnastics center, a gym for individuals with disabilities, and an aquatics center with an Olympic-sized pool.

The college anticipates opening a new academic and performing arts building in 2023, and is planning to build two new multi-disciplinary academic buildings. Learn more at the LAVC ReVitalizing Valley Web page at www.lavc.edu/revitalizingvalley.

MISSION & CORE VALUES

MISSION STATEMENT

Los Angeles Valley College serves as our students' pathway to their success and career goals. We embrace the diversity of our community and strive to empower all members to be engaged, confident, and productive. Our comprehensive curriculum and support services enrich learning and inspire our students to achieve their personal goals, including completion of certificates, degrees, and transfer requirements. We are dedicated to providing continuing education, and enhancing personal development and quality of life.

CORE VALUES

Respect, Diversity, Openness, and Support
Los Angeles Valley College is a respectful and supportive community, open to all learners. We recognize diversity by offering extensive resources and pathways within a vibrant and evolving campus. Our focus on equity and inclusion will ensure our disproportionately impacted students are served.

Student Growth through Innovative Teaching and Learning
The college creates a learning-centered environment that offers a broad range of academic and career pathways and services in an atmosphere of academic freedom and collaboration responsive to students, faculty, staff, and community. The college proactively guides, helps navigate, and supports students' growth to fulfill their educational goals through innovative teaching and learning.

Resourcefulness and Environmental Stewardship
The college strives to be effective stewards of our physical, technological, and financial resources to maximize institutional effectiveness. The college fosters sustainability and pride in our vibrant and evolving campus.

WHAT WE OFFER

To accomplish the education philosophy and mission of the Los Angeles Community College District, Los Angeles Valley College offers the following types of educational programs and services:

GENERAL EDUCATION

LAVC offers programs of undergraduate courses that develop basic academic and technical knowledge and skills needed for further study in a field or needed for employment.

Associate Degree (AA/AS)

An Associate Degree (AA/AS) provides students with basic academic and technical knowledge in a particular subject of study. It may be earned in conjunction with preparing to transfer or an occupational program.

TRANSFER

LAVC offers programs that allow students, who complete 60 transferable units of study, to transfer to an accredited four-year college or university to continue their upper-division work towards a bachelor's degree. Students are encouraged to use the Career/Transfer Center.

Associate Degree for Transfer (AA-T/AS-T)

The Associate Degree for Transfer (AA-T/AS-T) prepares students for transfer to a California State University (CSU). Students completing these degrees are guaranteed admission to the CSU system.

Transfer Pathways to University of California

The UC Transfer Pathways is for community college students who plan to transfer to a University of California (UC) campus to complete their undergraduate degree. It provides a clear road map that prepares students for one of several popular majors, making them competitive for acceptance to and timely graduation from any University of California (UC) campus. It does not guarantee admission to a UC.

CAREER TECHNICAL EDUCATION

LAVC offers occupational programs that help students develop skills in a particular discipline that can lead to employment, job advancement, certification or an associate degree.

Certificate of Achievement

A Certificate of Achievement (CA) program is for students who are looking for instruction with a high degree of specialization.

Skills Certificate

A Skills Certificate is for students who want to take a sequence of credit courses that prepares him or her to progress in a career path.

FOUNDATIONAL & TRANSITIONAL SKILLS

LAVC offers English as a Second Language (ESL) instruction and Civics for immigrants, foreign students and other students with limited English proficiency, and vocational education that prepares students for basic workplace skills.

Noncredit Certificate of Completion

A Noncredit Certificate of Completion (NC) is for students who want to prepare to transition into college-credit courses or the workplace, in subject areas such as ESL, Civics, and Vocational Education.

COUNSELING AND GUIDANCE

LAVC offers counseling and guidance support in academic, career, and personal counseling and assistance in matters of admissions, financial aid, job placement and student activities. It is designed to assist the student in the establishment of educational goals and in the selection and pursuit of a life work compatible with his or her interests, aptitudes and abilities.

COMMUNITY EDUCATION

LAVC offers a Community Services program designed to meet the college's mission for lifelong learning providing hundreds of not-for-credit educational offerings (online and classroom) in computer applications, health and wellness, open recreation, personal growth, and business-related studies. This program is a completely self-supported, fee-based division of the college. Register online for Community Services classes at: lavalley.augusoft.net.

CONTINUING EDUCATION

LAVC offers opportunities for individuals who are interested in improving their academic and occupational competencies. In addition, tuition-free noncredit courses are intended to provide students with lifelong learning and college and career preparation opportunities.

LOS ANGELES VALLEY COLLEGE FOUNDATION

The Foundation is a non-profit organization whose purpose is to benefit Los Angeles Valley College students and college programs and activities. The Foundation raises funds to support student scholarships, faculty projects, and various campus programs, and alumni events.

To inquire about the Foundation or to make a contribution, please call (818) 947-2619, or visit them online at www.lavcfoundation.org.

COLLEGE COLORS & MASCOT

The students, faculty and staff of Los Angeles Valley College have selected green and gold as the college's official colors. The mascot is the lion, and its sports teams are known as the "Monarchs". The school colors and mascot were selected by the pioneer class of Los Angeles Valley College in 1949. For the college logo, contact the LAVC Public Relations Office at news@lavc.edu.

ACADEMIC FREEDOM

It is the policy of the Los Angeles Community College District that academic freedom is a right enjoyed by all members of the Los Angeles Community College District community: faculty (tenured, non-tenured, and adjunct), students, staff, and administration. Faculty especially shall have the academic freedom to seek the truth and guarantee freedom of learning to the students. Academic freedom is defined as the freedom to teach, learn, research, and express one's views without fear of sanction, whether such expression takes the form of speech, writing, electronic communication, or the like, and whether it occurs on campus or off campus. The right to academic freedom, however, cannot be separated from the equally important responsibility, which each individual has, to uphold the District's professional ethics policies for faculty, administrators, and staff; and in the case of students, to abide by the District's Standards of Student Conduct.

The District recognizes that an essential function of education is a probing of received opinions and an exploration of ideas which may cause some students discomfort. However, academic freedom does not permit prohibited discrimination, racist expression, unlawful harassment, or sexual misconduct, nor does academic freedom excuse the perpetuation of racism, sexism, homophobia, or any other forms of bigotry and hate. Finally, the discussion of ideas, taboos, behavior or language which may be intrinsic to the content of courses shall in no event constitute prohibited discrimination, racist expression, unlawful harassment, or sexual misconduct.

Each College Academic Senate may adopt its own faculty academic freedom statement. The right to academic freedom shall be protected and supported through the use, when necessary, of appropriate due process procedures established by the College Academic Senates, consistent with this policy and Article 4 of the AFT Faculty Collective Bargaining Agreement. (Board Policy 4030)

ACADEMIC CALENDAR

Los Angeles Valley College offers two semesters (Fall and Spring) every academic year. In addition, the college may offer two intersessions (Winter and Summer)*. All college classes are open to regularly enrolled students.

The following outlines some of important dates for the 2021-2022 academic year; a complete listing of academic dates and deadlines is posted each semester.

FALL 2021 SEMESTER

REGISTRATION STARTS

May 24, 2021	Tier 1: CalWorks, SSD, EOPS, Foster Youth, Active Duty Veterans
May 27, 2021	Tier 2: Athletes, Promise,Completion
June 1, 2021	Continuing & New, Fully Matriculated Students and Middle College High School
June 16, 2021	Students Who Lost Priority
June 18, 2021	Open Enrollment, including K-12 Special Admits

GENERAL CALENDAR DATES

August 30, 2021	Day and Evening Classes Begin
September 4, 2021	Saturday Classes Begin
December 19, 2021	Last Day of Instruction
December 13-19, 2021	Final Examinations

HOLIDAY-NO CLASSES

September 6, 2021	Labor Day, College Closed
November 11, 2021	Veterans Day, College Closed
November 25-26, 2021	Thanksgiving, College Closed
Dec. 24-Jan. 3, 2022	Winter Break, College Closed

SPRING 2022 SEMESTER

REGISTRATION STARTS

November 8, 2021	Tier 1: CalWorks, SSD, EOPS, Foster Youth, Active Duty Veterans
November 10, 2021	Tier 2: Athletes, Promise,Completion
November 15, 2021	Continuing & New, Fully Matriculated Students and Middle College High School
December 1, 2021	Students Who Lost Priority
December 6, 2021	Open Enrollment, including K-12 Special Admits

GENERAL CALENDAR DATES

February 7, 2022	Day and Evening Classes Begin
February 12, 2022	Saturday Classes Begin
June 6, 2022	Last Day of Instruction
May 31-June 6, 2022	Final Examinations

HOLIDAY- NO CLASSES

January 17, 2022	Martin Luther King Jr. Day, College Closed
February 18 & 20, 2022	Presidents' Day, College Closed
March 31, 2022	Cesar Chavez Day, College Closed
April 2-8, 2022	Spring Break, College Closed
May 30, 2022	Memorial Day, College Closed

The catalog, schedule of class, and complete listing of academic dates and deadlines in a given semester are available on LAVC's Class Schedule webpage at www.lavc.edu/schedule

* Summer and Winter intersessions are subject to approval by the Board of Trustees.

MATRICULATION/ADMISSIONS AND REGISTRATION PROCEDURES

ADMISSION ELIGIBILITY

Anyone with a high school diploma or its equivalent meets the basic eligibility requirement for admission to a California public two-year community college.

People who do not have a high school diploma or its equivalent but meet additional criteria are also eligible for admission if, in the judgment of the college Admissions Officer, they are capable of profiting from instruction. Additional eligibility criteria include:

1. People who are eighteen (18) years old.
2. People who are apprentices, as defined by Section 3077 of the California Labor Code.
3. People in grades K-12, under special circumstances.

Information regarding other eligibility criteria and/or admission procedures is available in the Office of Admissions and Records.

HIGH SCHOOL STUDENTS (9-12 GRADES)

ADMISSION

High school students are allowed to enroll while they are still in high school provided they submit an online Admissions Application and get the approval of their principal or designee and parent on a Concurrent Enrollment Form.

ASSESSMENT

High school students may refer to their U.S. high school transcripts when answering the multiple measures questions as part of the initial college application to LAVC.

DECIDING WHICH CLASSES TO TAKE

The principal or designee signing the Concurrent Enrollment Form should approve the class(es) in which the student is attempting to enroll. However, the student is still required to meet college-level prerequisites for any course they wish to take.

ENROLLING IN CLASSES

Students may choose to take Dual Enrollment classes after school at Los Angeles Valley College or on select high school campuses. Students should see their college counselor for more information, because courses vary by semester.

- **After-School Classes**
  Students must submit an online admissions application and bring a Concurrent Enrollment Form. For more information students should talk to their high school counselor or college advisor.
- **General Courses/Intersession**
  Students must submit an online admissions application and Concurrent Enrollment Form to the Office of Admissions and Records during normal business hours. Students will receive an internet registration appointment at this time. For more information go to Admissions and Records located in the Student Services Center building.

PAYING YOUR FEES

Concurrently enrolled middle/high school students are exempt from paying enrollment fees provided they enroll in 11 units or less. If they enroll in more than 11 units, the student is responsible for paying fees for all units enrolled.

ELEMENTARY AND MIDDLE SCHOOL STUDENTS (K-8 GRADES)

ADMISSION: K – 8

Los Angeles Valley College provides opportunities for academically advanced students to enroll at the college. Students who wish to enroll in courses must complete an application packet, available at the Academic Affairs Office Located in the Administration and Career Advancement Building (ACA) room 2401. Students must complete and submit the application packet no later than two weeks prior to the beginning of the semester. There are no exceptions. Once a completed application is received, the K-8 Admissions Committee will review the application. Students will be admitted only for enrichment purposes. (Administrative Regulation E-87)

FEE PAYMENT

ATTENTION CALIFORNIA COLLEGE PROMISE GRANT STUDENTS (FORMERLY BOARD OF GOVERNORS FEE WAIVER)

All students will be charged the health fee ($19 for Fall/Spring and $16 for Summer/Winter). Please feel free to contact the Financial Aid Office at extension 2412 if you have any questions.

Fees for California residents are subject to change by California legislature. PAY FEES AS SOON AS POSSIBLE TO AVOID DELAYS in receiving your REGISTRATION FEE RECEIPT. You will need this receipt to purchase books and to avoid long lines or a hold on classes/books/records. If you pay by mail, the REGISTRATION FEE RECEIPT form will be mailed to you. If you don't receive your fee receipt by mail, you may pick it up at the Business Office. If you delay in payment of fees, your enrollment process will be delayed.

You will need your REGISTRATION FEE RECEIPT before you can purchase books, check out library materials, or identify yourself for any purpose as an enrolled student. If you do

not pay your fees, you will not be able to purchase a parking permit or take a photo I.D.

FEDERAL EDUCATIONAL RIGHTS AND PRIVACY ACT (FERPA)

The Family Educational Rights and Privacy Act (FERPA) affords students the following rights with respect to their educational records:

1. The right to inspect and review the student's education records which includes discipline records, within 45 days from the date the College receives a written request for access.

2. The right to request an amendment of the student's educational records which the student believes to be inaccurate, misleading or otherwise in violation of the student's privacy rights.

3. The right to consent to disclosures of personally identifiable information contained in the student's educational records, except to the extent that FERPA and California law authorize disclosures without consent.

4. The right to restrict disclosure of personally identifiable information that the College has designated as directory information, which may be released without the written consent of the student.

5. The right to file a complaint with the U.S. Department of Education concerning alleged failures by the College to comply with the requirements of FERPA.

Family Policy Compliance Office
U.S. Department of Education
400 Maryland Avenue S.W.
Washington, DC 20202-4605

RESIDENCY REQUIREMENTS

CALIFORNIA RESIDENCY REQUIREMENT

To attend any of the Los Angeles Community Colleges as a resident of California, a student is required to have been a California resident for more than one year immediately preceding the Residency Determination Date. The Residency Determination Date is the day before classes begin. Residence is defined as a union of act and intent.

NON-RESIDENTS

A non-resident student is one who has not had residence in the State of California for more than one year immediately preceding the Residency Determination Date. Residence is defined as a union of act and intent. Physical presence alone is not sufficient to establish California residency nor is intent when not coupled with continuous physical presence in the State. Certain non-U.S. citizens are permitted to establish residency and others are not. Check with the Office of Admissions and Records regarding your particular status.

A student classified as a non-resident will be required to pay non-resident tuition fees as established by the District Board of Trustees.

RESIDENCY RECLASSIFICATION

Students who have been classified as non-residents may petition to be reclassified at any time they feel their status has changed. The Residency Reclassification forms are available in the Office of Admissions and Records and must be submitted prior to the semester in which reclassification as a resident is to be effective.

RESIDENCY APPEAL

A student may appeal the residence classification as determined by the college. The appeal must be made within 30 calendar days of receipt of residency reclassification decision. The appeal must be submitted in writing to the college Admissions Officer, who will forward it to the District Residency Appeal Officer.

COLLEGE RESIDENCY

Units for which credit is given pursuant to the provision of this section shall not be counted in determining the twelve units of credit for residence requirement.

FOREIGN STUDENT ADMISSION
F-1 VISA APPLICANTS

Los Angeles Valley College issues I-20s to foreign students who wish to study on an F-1 visa. The college works closely with the United States Citizenship and Immigration Services (USCIS). Therefore, foreign students are urged to acquaint themselves with the USCIS prior to applying for admission.

Foreign student applications are accepted Fall/Spring semesters. Foreign students are required to pay the non-resident tuition fee. Tuition and fees must be paid at the time of registration in accordance with the number of units in which the student enrolls. There is a $50.00 application processing fee due at the time of application.

I-20s may be issued to the following applicants:

Applicants within the U.S.

- F-1 visa students transferring from another institution
- F-2 visa students nearing their 21st birthday
- Other eligible visa holders who wish to go through a change-of-status to become F-1 students

Applicants outside the U.S.

- May apply to the college provided they have completed their secondary (high school) education in their home country and are English proficient.

I-20s are not issued to people who are out-of-status with USCIS or students with GPA below a 2.0.

Effective April 12, 2002, the USCIS has issued a rule which requires students with B visas to change their visa status to either an F-1 or M-1 non-immigrant visas prior to pursuing a course of study at the college.

Applications for admission to Los Angeles Valley College are accepted on or before the last day to apply.

Applying from outside the U.S. and for a change of status.

Fall	Feb 1 – June 1*
Spring	August 1 – Nov 1*

Applying from inside the U.S.

Fall	Feb 1 – June 30*
Spring	August 1 – Nov 30*

* Application materials must be post-marked on or before application deadlines.

International students are required to purchase the college's International Medical Insurance plan.

FEES

ENROLLMENT FEE

Section 72252 of the Education Code requires community colleges to charge an enrollment fee for each student enrolling in a college. The fee prescribed by this section shall be forty-six dollars ($46) per unit with no maximum per semester.

Financial aid may be available to students who meet the qualification requirements. Students with questions concerning financial aid eligibility should contact the college Financial Aid Office. Applications should be submitted as soon as possible. These fees are subject to change.

ENROLLMENT FEE ASSISTANCE

The college offers enrollment fee assistance to students who are unable to pay the enrollment fee. For assistance with enrollment fees. Students should contact the college Financial Aid Office, located in the Student Services Center building.

The Enrollment Fee Waiver is available to students who receive AFDC, SSI/SSP, General Relief; or who live with their parents, and their parents only source of income is AFDC, SSI/SSP, or General Relief; or who are dependents of deceased/disabled veterans; or who are dependents of an unmarried surviving spouse of a deceased/disabled member of the California National Guard.

In addition the Enrollment Fee Exemption is available to students who meet the eligibility criteria established by the Board of Governors of the State of California in regard to income level by household size.

ENROLLMENT FEE REFUND POLICY

For other than short-term classes, a full refund of the enrollment fee will be issued to the end of the second week of class. Thereafter, no refund is authorized except when college action to cancel or reschedule a class necessitates the drop.

For short-term classes, a full refund is authorized up to the end of a period of time equal to 10% of the total class time. Thereafter, no refund is authorized except when college action to cancel or reschedule a class necessitates the drop. Check with the Office of Admissions and Records for actual dates.

NOTE ON REFUNDS: All refunds of enrollment fees, non-resident tuition, parking, and Associated Student Union membership must be formally requested by the student and submitted to the Business Office in person or by mail. All refunds will be in accordance with the published refund schedules and each claim must be requested no later than the 5th week of the semester in which instruction occurs.

NON-RESIDENT TUITION FEE

The Board of Trustees adopted a non-resident tuition fee of $299 per semester unit for students attending the District colleges who are non-residents of the state. Furthermore, for non-resident students who are both citizens and residents of a foreign country, the Board adopted a $299 per semester unit fee AND a $50 nonrefundable application processing. These fees are subject to change each academic year.

LACCD Board Policy 5020 states that "Students who are citizens and residents of a foreign country, or who are legally precluded from establishing residency in California, shall be entitled to exemption from nonresident fees on the basis of individual financial need in accordance with regulations adopted by the Chancellor. Such individual exemptions shall not be granted in excess of ten percent (10%) of the District's students who are both citizens and residents of a foreign country in the applicable term." Students who may be eligible to receive nonresident tuition exemption should contact the Office of Admissions and Records.

Nonresident students who are admitted as "Special Part Time Students Grades K-12" and who enroll in more than six (6) units will be subject to the nonresident tuition fee for all units taken.

Resident students admitted as "Special Part Time Students Grades K-12" and enrolling in 11 or fewer units are exempt from enrollment fees charged for all terms (including summer) pursuant to Education Code section 76300.

INTERNATIONAL STUDENT MEDICAL INSURANCE FEE

Effective for the Fall 2009 semester, international students attending a college in the Los Angeles Community College District under an F-1 or M-1 visa shall be charged a medical insurance fee equal to the cost of medical insurance purchased by the District on the student's behalf.

In exchange for the International Student Medical Insurance fee, international students will be provided with a medical insurance policy with the following minimum coverage:

1. Medical benefits of at least $50,000 per accident or illness,
2. Repatriation of remains in the amount of $7,500,
3. Expenses associated with the medical evacuation of the student to his or her home country in the amount of $10,000, and
4. A deductible not to exceed $500 per accident or illness.

PERIODS OF COVERAGE

The International Student Medical Insurance fee will be charged at the time of registration. International students registering for the Fall semester will be charged for and receive medical insurance from August 15 through January 31. International students registering for the Spring semester will be charged for and receive medical insurance coverage from February 1 through August 14.

International students who register for the first time during a Summer term will be charged for and receive medical insurance from May 15 through August 14. International students enrolling for the first time during the Winter term will be charged for and receive medical insurance coverage from December 15 through January 31.

Coverage is for the periods listed above and is not prorated.

REFUNDS

Once international student registration information is transmitted to the District's international student medical insurance provider, the District will not provide any refunds. If an international student terminates his or her enrollment, any refunds must be arranged with the provider.

FEES

For the 2021-2022 Academic Year, the International Student Medical Insurance fee is $677.58 in the Fall and Spring Semesters.

- Fall 2021 Coverage Dates: August 15, 2021 to January 31, 2022.
- Spring 2022 Coverage Dates: February 1, 2021 to August 14, 2022.

For Summer/Winter only, the International Student Medical Insurance fee is $225.86 per semester.

- Summer 2022 Coverage Dates: May 15, 2022 to August 14, 2022.
- Winter 2022 Coverage Dates: December 15, 2021 to January 31, 2022.

HEALTH SERVICE FEE

The Los Angeles Community College District charges a $19 mandatory health fee for fall and spring and $16 for summer and winter. The fee is payable to one campus only, to cover the costs of health centers at each college. This fee is subject to change. If you are a member of a religious group that depends on prayer for healing, contact the office of the Vice President of Student Services for exemption procedures.

General health, emergency and first aid, as well as non-emergency physician services are available by appointment. Psychological counseling is also available.

Preventative health screenings are provided at no cost and include: physical exams, blood pressure screenings, breast exams, testicular exams and more. Lab testing and immunizations are provided on an as-needed basis at a low cost. Referral services are also available.

HEALTH FEE EXEMPTIONS

Los Angeles Community College District policy exempts the following students from paying the student health fee: (a) students who depend exclusively on prayer for healing in accordance with the teaching of a bona fide religious sect, (b) students who are attending classes under an approved apprenticeship training program, (c) noncredit education students, (d) students enrolled in District colleges exclusively at sites where student health services are not provided, (e) students who are enrolled in District colleges exclusively through contract education, (f) Students admitted to the Los Angeles Community Colleges pursuant to Education Code Section 76001 as special part-time students who are concurrently enrolled in a public school district under the provisions of Board Policy 5010. Students exempted under the provisions of (b), (c), or (f) above are eligible to receive the services of the college health program; all other exempted students are not eligible to receive the services of the college health program, unless they opt to pay the fee.

INSTRUCTIONAL MATERIALS

Students may be required to provide (purchase) instructional and other materials required for a credit or non-credit course. Such materials shall be of continuing value to a student outside of the classroom setting and shall not be solely or exclusively available from the District.

PARKING FEE

A parking permit is required at all times when using campus parking facilities including any and all roads within the campus boundaries during regular school hours.

The Board of Trustees of the Los Angeles Community College District has authorized parking fees for all on campus parking at district colleges.

PARKING PERMIT FEE:

$20.00 (Spring/Fall*) $7.00 (Winter/Summer*)

*To assist students with their transition back to on-site learning, free parking will be provided to all students during the Summer 2021 and Fall 2021 semesters.

Students who pay the parking fee will be issued a permit. Parking permits purchased online must be picked up at the Business Office by the student. The permit must be displayed clearly when parking in college student parking lots. Students who do not elect to purchase the permit at the time of registration may do so at any time during the semester at the Business Office. No refunds are made for parking fees unless there is a complete withdrawal from the college during the first two weeks in which instruction occurs. Parking permits must be returned to claim the refund. NO refund will be issued after the second week of the semester.

Note: The issuance of a parking permit does not guarantee the student a parking space, only the opportunity to park in the appropriate lot if spaces are available. Any vehicle parked in the areas without proper permit appropriately displayed will be cited.

BUSINESS OFFICE

OFFICE HOURS

Monday, Wednesday, Thursday, Friday: 8:00 a.m. - 3:45 p.m.
Tuesday: 8:00 a.m. - 6:15 p.m.

The Business Office is located in the Student Union Building room 143. It is the center where you can pay your school fees in person. Please call (818) 947-2318 or email BusinessOffice@lavc.edu.

PAYMENT METHODS

The Business Office accepts the following method of payments:

- Cash, money orders, and cashier's checks.
- You may pay via the internet at www.laccd.edu/student_information/sis_logon.asp
- You may also pay by mail to:

  Los Angeles Valley College
  Business Office
  5800 Fulton Ave.
  Valley Glen, CA. 91401-4096

ENROLLMENT FEES

Enrollment fees are set by the California State Legislature and are subject to change.

Fee Section 722 of the Education Code requires community colleges to charge an enrollment fee for each student enrolling in a college. Enrollment fees are due at the time of registration. California residents will be required to pay $46 per unit enrollment fee with no maximum per semester. For example, if you enroll in 10 units, the cost will be $460. If you enroll in 15 units, the cost will be $690, and so forth. Enrollment fees must be paid at the time of registration.

Students remain financially responsible for enrollment fee and tuition charges unless they officially drop semester length classes in the first two weeks of the regular classes (Fall/Spring).

After the refund deadline, fees will not transfer when students add and drop classes, whether or not fees have been paid.

ENROLLMENT FEE ASSISTANCE (FINANCIAL AID)

You may be eligible for a California College Promise Grant

The Financial Aid Office provides an enrollment fee waiver for qualifying students who are California residents. We encourage students to complete a Free Application for Federal Student Aid (FAFSA) to be considered for all possible types of financial aid the college offers. The Los Angeles Valley College Federal School Code is 001228. Students who file the FAFSA and meet eligibility requirements will receive a postcard in the mail indicating a fee waiver has been processed.

It is recommended that students obtain the fee waiver prior to registering for their classes; however, enrollment fee waivers may be obtained at any time within a given term for eligible students. Students who pay for their registration fees now and later find that they were eligible for a fee waiver may apply for a refund at the Los Angeles Valley College Business Office by June 30th of the award year.

If you do not qualify for the waiver, you will be responsible for paying all fees necessary to enroll in classes. Please note that students who elect to audit classes are ineligible for financial aid, including the fee waiver.

OFFICE HOURS

Monday-Thursday: 8:00 a.m. - 7:00 p.m.
Friday: 8:00 a.m. - 2:00 p.m.

The Financial Aid Office is located on the first floor of the Student Services Building. Our telephone number is (818) 947-2412 and our LAVC email is financialaid@lavc.edu.

Warning: Students who drop classes may be required to repay some of the federal financial aid funds they have received. We highly recommend that you contact the Financial Aid Office prior to dropping any of your classes.

CAMPUS PROCEDURE ON FEE REFUNDS

All refunds of enrollment fees, non-resident tuition, parking, and Associated Student Union membership MUST BE FORMALLY REQUESTED by the student and submitted to the Business Office in person or by mail. All refunds are in accordance with the published refund schedules and each claim must be requested no later than the 5th week during which instruction occurs.

STUDENT REPRESENTATION FEE

The $2 student representation fee provides independent support to student-elected governmental affairs representatives to express the opinions and viewpoints of community college students regarding education and social issues before city, county and district government offices and agencies at the local, state and federal level. This very modest fee helps ensure students have a voice in the government process.

If students wish to opt-out of paying the $2 Student Representation Fee, they can either visit the Business Office or sign in to the MyCollege.laccd.edu student portal, click on the "Student Account" tile, followed by the "Account Services" drop down menu. Click on "ASO/Rep Fee Opt Out" link and then follow the instructions on the page.

AUDIT FEE

The audit fee is $15 per unit. Students who are enrolled in ten units of credit or more may audit up to three units without charge. There is no withdrawal from an audit or refund of the audit fee. It is not possible to transfer from audit to credit enrollment.

NON-RESIDENT TUITION REFUND CRITERIA AND SCHEDULE

A non-resident student who formally drops or otherwise separates from part or all of his/her enrollment may request a refund of previously paid non-resident tuition. Such request must be made in writing on a form provided by the District.

The date used for non-resident refund purposes is the date on which such request is filed and time stamped, regardless of when separation may have occurred. All non-resident refunds will be made by mail.

STUDENT ID CARDS

All students will be issued a picture ID card.

ID cards serve as official identification for access to college programs and services. A $10 fee is charged for replacement of lost cards.

ASSOCIATED STUDENTS UNION FEE

Each student is encouraged to become a member of the Associated Student Union. $10 for the Spring and Fall semesters; $3 for the Winter and Summer sessions. Associated Student Union membership enables students to join clubs, receive free printing, use the Lion's Den Game Room, and more.

FEE AND REFUND SCHEDULE

Type	Cost	Note
Enrollment Fee	$46 per unit*	End of second week of the semester. Deadline for short-term classes will be different for each class.

*Subject to change by the California Legislature

Non-resident Tuition (All non-resident students must pay the $46* per unit enrollment fee in addition to non-resident tuition. Non-resident tuition is due upon registration.)

Type	Cost	Note
Students from another state:	$299 per unit	End of second week of the semester. Deadline for short-term classes will be different for each class.
Students from another country:	$299 per unit	

International Student Fees (F1 Visa)

Type	Cost	Note
Application Fee	$50	Non-refundable
SEVIS Processing Fee	$25	Non-refundable
International Student Medical Insurance (IMED)	Estimate at $678 Fall/Spring Semester Estimate at $226 Winter/Summer Semester	Full refund before the first day of instruction. Prorated by Vender thereafter.

Other Fees

Type	Cost	Note
Health Service Fee	$19 for Spring/ Fall; $16 for Winter/Summer	End of second week of the semester. Deadline for short-term classes will be different for each class.
Audit Fee	$15 per unit	NON REFUNDABLE OR TRANSFERABLE (Student who have enrolled in 10 units or more of credit enrollment may audit up to 3 units without charge.
Student Representative Fee	$2	End of second week of the semester. Deadline for short-term classes will be different for each class.
Parking Fee	$20 (Spring/ Fall) $7 (Winter/ Summer)	End of second week of the semester. Deadline for short-term classes will be different for each class.
Associated Students Organization Membership Fee	$10 (Spring/Fall) $3 (Winter/ Summer)	End of second week of the semester. Deadline for short-term classes will be different for each class.
Emergency processing of Transcript or Verification of Enrollment*	$10	*The first two transcripts or verifications are free.
Verification of Enrollment*	$25	
Record of Work in Progress*	$3	All fees owed must be paid before transcripts or verification will be released.
Transcript*	$3	

All fee refunds must be claimed in person at the Business Office.
Please note that a $10 returned check charge is assessed for a check returned to the Business Office unpaid by the bank for any reason. A stop payment order on a check does not constitute an official withdrawal nor does it release the student's financial obligation for the fees. A student with an unpaid financial obligation will not be able to register for subsequent semesters.

REFUNDS

- Cash - All refunds of payments will be made through BankMobile Disbursements. No cash refund will be made.
- Credit Cards - A credit will be issued through the credit card agency and must be claimed in person at the Business Office.

RETURNED CHECK/STOP PAYMENT CHARGE

There is a charge for each check returned by the maker's bank or if payment is stopped by the maker. Currently this charge is $10, but is subject to change without notice. In addition, the college reserves the right to refuse acceptance of a check from an individual who previously had his/her check returned by the maker's bank to this college or any of the other eight colleges in the L.A. Community College District.

Students remain financially responsible for the enrollment fee and non-resident tuition unless they officially drop classes through the Office of Admissions and Records by the end of the second week of the semester. The Business Office no longer accepts checks for payments.

STUDENT EQUITY AND ACHIEVEMENT PROGRAM (SEA)

All new students are required to complete the Student Equity and Achievement Program (SEA) matriculation process which includes three core services: English and Math Placement, Orientation, and Counseling/Student Educational Planning (POC).

PLACEMENT

Following the guidelines of AB 705, Los Angeles Valley College has implemented a NEW process for placement into English and Math courses. English as a Native Language (ENL) & Math assessments are no longer offered. The college application process utilizes multiple measures including high school coursework, grades, and grade point average to determine placement into college-level English and Math.

New and returning students may refer to their U.S. high school transcripts when answering the multiple measures questions as part of the initial college application.

Students interested in being placed in the English as a Second Language (ESL) sequence may contact the Guiding Your Path to Success Center for ESL assessment and placement.

Students not qualified to answer the multiple measures questions should complete the guided self-placement process with a counselor for English and math placement.

ORIENTATION

All new students are required to complete the Online Orientation which is a multimedia presentation available any time through the student portal in the Student Information System.

Topics include:

- Campus policies and procedures
- Academic expectations
- Student Success Milestones
- Educational program information
- Campus resources and special programs
- Maintaining registration priority

COUNSELING/STUDENT EDUCATIONAL PLANNING

FIRST YEAR STUDENT EDUCATIONAL PLANNING (SEP)

Once students have completed self placement and online orientation, they are required to participate in an online Counseling: First Year Student Educational Planning (SEP) session. For students who prefer, a limited number of live counselor-led group SEP sessions are available. The First-Year Educational Planning (SEP) sessions focus on the following:

- Educational programs
- Registration process
- Important dates and deadlines
- First Year Educational Planning (Abbreviated SEP)

COMPREHENSIVE STUDENT EDUCATIONAL PLAN (SEP)

Students are encouraged to declare their educational goal and major early in their college career. Students should meet with a counselor to develop their Comprehensive Student Educational Plan (SEP) before the end of their first semester of college. The Comprehensive SEP guides students in completing their educational goal.

New students may take a Counseling 1 or 20 course. These courses introduce students to various campus resources, help build study skills, explore career and transfer options, and create their comprehensive Student Educational Plan. Students who need assistance deciding on a major and career path may take Counseling 4, a course focused on career decision making and planning.

Students may schedule an individual counseling appointment for comprehensive student educational planning to help guide them in reaching their educational goal. Schedule appointments in the Counseling Department, in Student Services Annex, or call 818 947-2474, or go online to: https://www.lavc.edu/counseling/counseling-appointments.aspx. Counselors are available year round by appointment for:

- Comprehensive SEP
- Career assessment and exploration
- Transfer information
- Academic or personal issues

Additional counselors are available for appointments in the following satellite locations on campus: Black Scholars (Mosaic Center, SSC 205), CalWORKS (ACA 1101), Dream Resource Center (Mosaic Center, SSC 205), EOPS (SSC 217), STEM (CC 100), Services for Students with Disabilities (SSA 175), TRiO (SSC 228), Veterans (Mosaic Center, SSC 205).

STUDENTS' RESPONSIBILITIES

Non-exempt students are required to express at least a broad educational intent upon admission, declare a specific educational goal prior to the completion of 15 semester units at Los Angeles Valley College, participate in counseling and advisement, diligently attend class, complete assigned course work, prepare a student educational plan, complete courses, and maintain progress toward the goal identified in their educational plan.

STUDENTS' RIGHTS

Students who fail to fulfill the responsibilities required above will receive the latest priority registration appointment. Please be aware of the fact that the college does not terminate any service to which a student is otherwise entitled.

Students have the right to challenge any procedure which they feel is in violation of state regulations.

COUNSELING COURSES

We recommend that new students take a Counseling 1 or 20 course prior to the completion of 15 semester units at Los Angeles Valley College. These courses assist students in utilizing campus resources, improving their study skills, career exploration, and creating their comprehensive Student Educational Plan. Students who need additional assistance choosing a major and career goal are recommended to take Counseling 4, Career Planning.

ENGLISH, ESL, AND MATH PLACEMENT

California Assembly Bill (AB) 705, a law which took effect January 1, 2018, requires that California Community Colleges use multiple methods of placing students into transfer-level English, English as a second language (ESL) and math courses. Following the guidelines of AB 705, L.A. Valley College has implemented a NEW process for placement into English and Math courses. The new process uses multiple measures including high school coursework, grades, and grade point average to determine placement into college-level English and Math.

- New and returning students may refer to their U.S. high school transcripts when answering the multiple measures questions as part of the initial college application.
- Continuing students will be prompted to complete the multiple measures questions in the student portal for updated English and Math placements.

Students unable to answer the multiple measures questions, should complete the guided self-placement process available online or consult with a counselor.

Students interested in being placed in the ESL sequence may visit the Guiding Your Path to Success Center or call (818) 947-2587 to make an appointment.

ADDITIONAL RESOURCES ON AB 705:

- Assembly Bill 705: https://leginfo.legislature.ca.gov/faces/billTextClient.xhtml?bill_id=201720180AB705
- Assembly Bill 1805: https://leginfo.legislature.ca.gov/faces/billTextClient.xhtml?bill_id=201720180AB1805
- CCC Chancellor's Office Memo AA 18-40: https://assessmentplacement.squarespace.com/s/0718-AB-705-Implementation-Memorandumpdf.pdf
- CCC Chancellor's Office Memo AA 18-41: https://static1.squarespace.com/static/5a565796692ebefb3ec5526e/t/5b68e1ba70a6add62b06a9a9/1533600186421/AA+18-41+AB+705+Initial+Guidance+Language+for+Credit+ESL_.pdf

Students who apply to the Los Angeles Community College District (LACCD) using CCCApply or update their placement information using the LACCD MMAP Web Form on their To-Do Checklist will be placed into tiers (groups) of courses in English; math for business, science, technology, engineering, and mathematics (BSTEM) programs; and statistics or liberal arts math (SLAM). Those who choose to complete ESL placement will be placed into an ESL tier, as well. Each tier includes the transfer-level courses cleared for enrollment, as well as optional or required support courses intended to help students succeed in transfer-level coursework in that tier. These tiers will be combined to produce an "E" placement level (English plus ESL, if completed) and "M" placement level (SLAM plus BSTEM), which will be shown on the online Student Portal Assessment Page.

ENGLISH PLACEMENT CRITERIA

Assignment to a tier is based on the student's HSGPA (US high school cumulative grade point average). All students who provide placement data may enroll in transfer-level English composition (ENGLISH 101) with or without the optional support courses or services listed in the placement message. Students who place in ENG Tier 3 are encouraged to concurrently enroll in ENGLISH 101 and ENGLISH 72.

ENGLISH AS A SECOND LANGUAGE (ESL) PLACEMENT CRITERIA

Each LACCD college uses its own criteria for ESL placement. At LAVC, please visit the Guiding Your Path to Success Center or call (818) 947-2587 to make an appointment. Note: ESL placement does not override English placement.

MATH PLACEMENT CRITERIA

Assignment to a tier is based on the student's HSGPA (US high school cumulative grade point average). All students who provide placement data may enroll in some form of transfer-level math. In some tiers, students are encouraged to consider enrollment in a concurrent support course (e.g. MATH 100); using the Math Tutoring Lab; or consider enrolling in a course one-level below transfer in preparation for a transfer-level course appropriate to their chosen major. Students are encouraged to see a counselor and the catalog to determine which (if any) of the courses they are cleared to take are required for their education plan.

BUSINESS, SCIENCE, TECHNOLOGY, ENGINEERING, AND MATHEMATICS (BSTEM) PLACEMENT CRITERIA

The following criteria is used for placement into mathematics courses typically required for business, science, technology, engineering, and mathematics programs (BSTEM). HSGPA=US high school cumulative grade point average; HS=US high school course.

BSTEM TIERS

TIER	PLACEMENT CRITERIA	RECOMMENDED SUPPORT
1	HSGPA ≥ 3.4 or HSGPA ≥ 2.6 & HS Calculus	
2	HSGPA ≥ 2.6 or HS Precalculus (or equivalent/higher)	
3	HSGPA < 2.6	
N	Insufficient data to apply the above	

STATISTICS AND LIBERAL ARTS MATH (SLAM)

The following criteria is used for placement into courses that may be required for programs that require statistics or liberal arts math (SLAM). HSGPA=US high school cumulative grade point average; HS=US high school course.

SLAM TIERS

TIER	PLACEMENT CRITERIA	RECOMMENDED SUPPORT
1	HSGPA ≥ 3.0	
2	2.3 ≤ HSGPA < 3.0	
3	HSGPA < 2.3	
N	Insufficient data to apply the above	

GUIDED SELF PLACEMENT

Students who are not able to provide enough information for automated placement, who have been away from high school for more than 10 years, or did not attend or graduate from a U.S. high school or earn a GED or CA High School Proficiency certificate, may use the Guided Self Placement process. This may involve meeting with a counselor or other college officer to discuss topics such as the following in order for the student to place him/herself:

- Courses taken and grades received
- The transfer-level English and math courses offered at the student's home college, and which of them (if any) are required for the student's chosen major, general education plan, or transfer plan
- The support courses and services offered to students enrolled in transfer-level courses
- Students' rights under the AB 705 law

CONTINUING STUDENTS

Continuing students are those who were admitted in an earlier term and continue to take courses. Continuing students whose placement has been updated using the new placement criteria are not required to take any course that is part of their old placement. This is especially true if they were placed below transfer-level in English or more than one level below-transfer in math. Such students may enroll in any course listed in their new placement message without taking any course below it in the sequence, even if that means skipping several courses that would have been required under the old placement.

HOW PLACEMENT AFFECTS PREREQUISITES/COREQUISITES AND MAJOR REQUIREMENTS

Students who place into a course that is part of a sequence do not need to take any course lower in that sequence, whether such a course is a pre- or corequisite to any course, in the same or any other subject, or a prerequisite or requirement for any program.

Students who place into any transfer-level math course are not required to take any below-transfer-level math course for any reason. However, students who intend to earn an associate of arts/science degree and cannot meet math competency through any other means will need to pass a course approved to meet math competency prior to graduation.

REGISTRATION PROCESS

ENROLLMENT PRIORITY POLICY CHANGES:

The California Community Colleges Board of Governors established system-wide enrollment priorities effective Fall 2014. Enrollment priorities dictate how registration appointments are assigned. Students with the highest priority are given the earliest registration appointments.

The changes are designed to ensure class availability for students: seeking job training, degree attainment, transfer, and to reward students making progress toward their educational goals.

PRIORITY REGISTRATION GROUPS:

Group 1: Fully Matriculated State Mandated Special Populations

- Fully Matriculated active-duty military, CalWorks, EOPS, SSD, Foster Youth and Veterans students.

Group 2: Athletes, Promise and Completion

- Fully matriculated athletes, L.A. College Promise, and students completing a first degree in the registration term.

Group 3: Continuing and New Students

- Fully matriculated continuing, new, and returning students.

Group 4: Students without Priority Enrollment

- Non-matriculated continuing students, students with 100+ degree applicable units district wide, continuing students not in good standing (2nd semester academic &/or progress probation), new and returning students applying after cutoff date to assign priority registration appointments.

Group 5: K - 12 Students

- Continuing, new and returning K-12 students. K-12 students who applied after the cutoff date to assign priority registration appointments.

Notes:

1. Good standing is defined as not on academic or progress probation.
2. Non-degree applicable basic skills units do not count toward the 100 units completed.
3. Students may appeal the loss of priority in cases of extenuating circumstances. Extenuating circumstances are verified cases of accidents, illness, or other circumstances beyond the control of the student.
4. Disabled students may also appeal the loss of priority, if they did not receive reasonable accommodations in a timely manner.

DISTRICT-WIDE REGISTRATION

REGISTER AT MORE THAN ONE COLLEGE!

Students registering for classes through the college's web-based registration system will also have the opportunity to register for classes at any of the other colleges in the Los Angeles Community College District – East L.A. College, L.A. City College, L.A. Harbor College, L.A. Mission College, Pierce College, L.A. Trade Technical College, L.A. Southwest College, L.A. Valley College, and West Los Angeles College.

SEARCH FOR CLASSES ON THE WEB!

Using the college's web registration system, students can search for available classes at any college in the Los Angeles Community College District. They can even search for a particular course by time and days of the week!

12,000 CLASSES TO CHOOSE FROM!

The opportunity to enroll at multiple colleges gives students access to over 12,000 classes throughout the nine colleges in the Los Angeles Community College District.

REGISTER FOR CLASSES ONLINE

LOG IN TO PORTAL

1. Go to mycollege.laccd.edu or from the LAVC homepage, click on the **REGISTER** tab.
2. Enter your student ID number in the username field, and your password.

SEARCH FOR CLASSES AND ADDING TO THE SHOPPING CART

1. Go to **Academics Menu** and then **Search for Classes**.
2. Select the Term for which you are trying to enroll.
3. Select subject and course number, then click search.
4. Select the class in which you want to enroll (enter Permission Number if you are enrolling after the term has begun) and click next.
5. This class has been successfully been added to the Shopping Cart.

ENROLL IN CLASS(ES)

1. Go to the Academics Menu and select Add Classes
2. Select the Term for which you are trying to enroll.
3. The classes you've added to your Shopping Cart will appear and you may PROCEED TO STEP 2 of 3.
4. Click Finish Enrolling.

CHALLENGE TO PREREQUISITES AND COREQUISITES — DEADLINE: LAST DAY TO ADD CLASSES

- A prerequisite is a requirement that a student demonstrate current readiness to enroll in a particular course or program.
- A corequisite is a requirement that a student enroll in another course at the same time as a particular course or program.
- An advisory is a course or preparation that is recommended, but not required, to enroll in a particular course or program.

The requirements of a prerequisite or corequisite may be challenged on the following grounds:

1. The student has the documented knowledge or ability to succeed without meeting the prerequisite/corequisite.
2. The prerequisite/corequisite is not reasonably available.
3. The prerequisite/corequisite is either unlawfully discriminatory or is being applied in an unlawfully discriminatory manner.
4. The prerequisite/corequisite has not been established in accordance with the district's process.
5. The prerequisite/corequisite is in violation of Title 5 section 55003.

CHALLENGE PROCEDURES

Prerequisites/Corequisites

Students without transcripts or other proof of having taken the prerequisite course(s) required for entry into a particular course must go through the prerequisite challenge procedure as follows:

1. Complete the **Prerequisite/Corequisite Challenge Form**. Form available in the following locations:
   - Online
   - Office of Admissions and Records - Student Services Center, 1st Floor
   - Academic Affairs - Administration & Career Advancement, room 2401
   - Counseling - Student Services Annex
   - Services for Students with Disabilities - Student Services Annex
   - EOPS - Student Services Center, 2nd Floor
2. Take the completed form to the chair of the department through which the course in question is being offered.
3. The chair will either approve or deny the challenge, providing written reasons in the space provided on the Prerequisite/Corequisite Form, sign and date his/her response, and return the form to the student.
4. All Challenge Forms must be processed no later than the last day to add classes. If the challenge is approved, the student should take the form to Admissions, and request that he/she be allowed to enroll in the course in question.
5. If the Challenge Form is denied, and the student then wishes to appeal the chair's decision, the student should:
   a. bring the form, signed and dated by the Chair, to Admissions.
   b. Academic Affairs will call a meeting of the Prerequisite/Corequisite Appeals Committee.
   c. the Appeals Committee will decide on the appeal within five working days of the time the appeal is filed. If the course is open, the student will be allowed to enroll in the class during the appeal.
   d. if the Appeals Committee fails to render a decision within five days of receiving the appeal, the student will be allowed to remain in the class. If the appeal is denied, the student will be notified and dropped administratively.

UNLAWFUL DISCRIMINATION

Students who file a challenge related to matriculation may file a formal complaint of unlawful discrimination in Administration and Career Advancement building 2301. They may also consult with the Compliance Officer (See District and College Policies: Non-Discrimination Policy and Compliance Procedures).

HELPFUL LINKS

Apply: https://www.lavc.edu/apply
Enroll: https://www.lavc.edu/sis
Help: https://lavc.craniumcafe.com/group/admissions-/lobby

***Technical Requirements for Live Chat via Cranium Café**

1. For desktop PC and Mac:
2. Use the latest Chrome or Firefox internet browser
3. Have webcam ready and activated

For Android and Window Devices:

1. Use Chrome
2. Have your webcam ready and activated
3. Have a headset with microphone ready - your cell phone headset will work great

For iOS- Apple Device:

1. Download ConexED App from the app store**
2. **App provides limited access. You will be able to join a video meeting, but not share your screen or use other functions.

LAVC MILESTONES

and Program Mapper

Program Mapper shows the recommended semester-by-semester academic plan from entry to completion for a full-time student for each degree and certificate. Go to https://programmap.lavc.edu for more information.

Program Maps help you:

- prepare to meet with your counselor and create your educational plan
- talk with a professor in your major about courses you might want to take
- see the sequence of courses to take that meets both degree requirements and general education requirements
- calculate the impact on graduation timing of course load and use of intersessions

During your educational journey, Milestones will help guide you, keep you on track to your goals, and celebrate your progress and accomplishments.

Milestones help you:

- stay on your path and keep track of your progress
- complete your educational goal in a timely manner
- explore major and career options that lead to successful career decisions

A typical program map and milestones to meet while at LAVC are shown below for the AS-T in Business Administration.

AS-T IN BUSINESS ADMINISTRATION
(CAP: BUSINESS, ENTREPRENEURSHIP, AND LAW)

GETTING STARTED

- Apply to LAVC
- Select a CAP that fits your interests
- Complete new student orientation/counseling
- Apply for financial aid: FAFSA/Dream Application
- Explore your CAP and related majors/careers
- Get ready to successfully begin college by participating
- in a summer program: GPS, Bridge, Career Exploration activity

FALL 1

BUS 001 |3 units
ENGLISH 101 |3 units
GE (Area E) 3 units
ECON 001 (D2) |3 units
GE (C1) |3 units
COLLEGE 101 |1 unit

16 units

- Complete a student success course
- Meet with a counselor to discuss your goals
- Take a career counseling class/workshop if unsure of your major
- By the end of the Fall, declare a major and complete a CSEP
- (comprehensive student education plan)

SPRING 1

ECON 002(D2)|3 units
GE(A3)|3 units
CAOT 082|3 units
GE(A1)|3 units
MATH 227 or 238 (B4)|4 or 5 units

16 or 17 units

- Complete English and Math
- Renew FAFSA/Dream Application for next year
- Complete at least 9 units in your pathway,
- including critical prerequisite courses for your major
- Attend CAP activities and explore career options in your CAP/major
- Explore universities for transfer
- Meet with a counselor to track progress and update your plan

FALL 2

ACCTG 001|5 units
GE(B1)|3 units
BUS 032|3 units
GE(C2)|3 units
Amer. Inst. (D)|3 units

17 units

- Meet with Counselor for graduation/transfer check
- Apply for graduation
- Apply to universities
- Explore internships, job shadowing, volunteer work in your major

SPRING 2

ACCTG 2|5 units
GE(B2)|3units
GE (Area C)|3 to 5 units
LAW 1|3 units
GE(B3)|2 units
Amer. Inst. (D)|3 units

19 units

- Participate in graduation and transfer ceremonies
- Transfer students should apply for financial aid and scholarships
- Complete all final requirements for transfer institution
- Seek internship, volunteer opportunities for Summer
- Attend job fairs and prepare for job search

EDUCATIONAL PROGRAMS

Instructional Programs At Los Angeles Valley College

Career and Academic Pathways (CAPs) are groups of similar programs designed to help you select a program of study (i.e., a major) and speed your progress towards completion. Within each CAP, you can explore a set of program maps that show a semester-by-semester path from program entry to completion. Each program map shows the recommended courses for a full-time student. Please use these as a starting point when meeting with a counselor to develop your Student Education Plan to best meet your schedule and academic goals. The information about Salary, Growth, and Careers reflects California trends from the Bureau of Labor Statistics' Occupational Employment Statistics Survey. You can learn more about careers at the LAVC Career Transfer Center page on Major Exploration. **For more information on our programs, click the links below to see full program descriptions and requirements. For an alphabetical list of programs, please go to page 263.**

ART, MEDIA, AND DESIGN

Art

Art History	AA, AA-T
Studio Arts	AA-T
Art: Graphic Design	AA, CA
Art: Studio	AA

Broadcasting

Broadcasting	AA
Broadcasting: Performance	AA, CA
Broadcasting: Radio	AA, CA
Broadcasting: Television	AA, CA

Cinema

Cinema Arts Production	AA, CA
Cinema Arts Theory	AA, CA

English

English	AA-T

English as a Second Language - Credit

Advanced ESL Milestone - Pathway to Broadcasting	CA
Advanced ESL Milestone - Pathway to Cinema/Media Arts	CA
Advanced ESL Milestone - Pathway to Music	CA

Journalism

for full listing see Humanities and Communication

Film, Television, Electronic Media

Film, Television, and Electronic Media	AS-T

Humanities

Humanities	AA

Media Arts

Gig Economy Careers in Entertainment	NC
Media Arts: Core Studies	CA
Media Arts: Directing	AA, CA
Media Arts: Post-Production	AA, CA
Media Arts: Producing	AA, CA
Media Arts: Screenwriting	AA, CA
Media Arts: Visual Effects	AA, CA

Music

Commercial Music	AA
Commercial Music: Instrumental/Vocal Performer	CA
Commercial Music: Jazz Studies	CA
Music	AA, AA-T
Commercial Music: Music Arranging	CA
Commercial Music: Music Notation	CA
Music Technology	CA

Photography

Photography	AA, CA

Theater

Theater Arts	AA, AA-T
Theater Arts: Acting	AA
Theater Arts: Directing	AA
Theater Arts: Technical	AA
Theater Production	CA
Theatrical Performance	SC
Musical Theater	SC

General Studies

General Studies: Arts	AA

MANUFACTURING, ELECTRONICS, AND CONSTRUCTION

Architecture

Architecture	CA
Computer Graphics/Design	CA

Electronics

Electronics	AS
Electronics Technician	CA
Electronics Technology	CA
Electronics: Biomedical Instrumentation	AS, CA
Robotics and PLCs	NC

Manufacturing

Manufacturing Technology: Metal Machining	AS, CA
Manufacturing Technology: Numerical Control	AS, CA
Mechanical Drafting/Design	AS, CA
Mechanical Engineering Technology	CA

Construction

Sustainable Construction Management	AS, CA

EDUCATIONAL PROGRAMS

BUSINESS, ENTREPRENEURSHIP, AND LAW

Accounting

Accounting	AA, CA

Business

21st Century Employability Skills - Basic	NC
21st Century Employability Skills - Basic/Intermediate	NC
21st Century Employability Skills - Intermediate	NC
21st Century Employability Skills - Intermediate/Advanced	NC
21st Century Employability Skills - Advanced	NC
Banking and Finance	AA, CA
Business Administration	AS-T
Business Essentials	CA
Business Management	CA
Insurance	NC
Management	AA
Marketing	AA, CA
Property Management	CA
Real Estate	AA, CA
Retail Management	CA

CAOT

CAOT: Administrative Assistant	AA, CA
CAOT: Computer Applications Specialist	AA, CA
Computerized Bookkeeping	CA
CAOT: General Office Assistant	CA
CAOT: Website Software Specialist	SC

Economics

Economics	AA, AA-T

Political Science

Political Science	AA, AA-T

Workplace Success

Workplace Success	NC

HEALTH AND PUBLIC SERVICE

Administration of Justice

Administration of Justice	AS-T, CA

Child Development

Child Development	AA
Early Childhood Education	AA, AS-T
Child Development: Special Education	AA
Child Development: Teacher	CA
Child Development: Associate Teacher, Preschool (A)	CA
Child Development: Director, Preschool (B)	CA
Child Development: School Age Programs Teacher Day Care (C)	CA
Child Development: Infant/Toddler Care Teacher (D)	CA
Child Development: Associate Teacher, Preschool, Literacy Emphasis (E)	SC
Child Development: Associate Teacher, Preschool, Special Education Emphasis (F)	SC

Fire Technology

Fire Technology	AS, CA

Kinesiology

Kinesiology	AA-T

Health Science

Registered Nurse	AS
Respiratory Therapy	AS, CA

Psychology

Psychology	AA-T

Teacher Prep

Liberal Studies: Multiple Subject Teacher Prep	AA
Elementary Teacher Education	AA-T

HUMANITIES AND COMMUNICATION

Art

see full listing under Art, Media and Design

Communication Studies

Communication Studies	AA-T

English

English	AA-T

English as a Second Language

English as a Second Language - Speech	NC
ESL Civics 1, ESL Civics 2	NC
English as a Second Language - I, II, III, IV	NC
ESL Milestone - Pathway to Language Arts/Spoken	CA
ESL Milestone - Pathway to Language Arts/Written	CA

Foreign Languages

Foreign Languages	AA
French	AA
German	AA
Italian	AA
Spanish	AA, AA-T
Spanish Language	SC

History

History	AA, AA-T

Humanities

Humanities	AA

Journalism

Journalism	AA-T
Journalism: Magazine	AA, CA
Journalism: Newspaper	AA, CA

Music

see full listing under Art, Media and Design

Philosophy

Philosophy	AA, AA-T

Photography

see full listing under Art, Media and Design

SOCIAL AND BEHAVIORAL SCIENCE

African American Studies	
African American Studies	CA
Anthropology	
Anthropology	AA-T
Child Development	
see full listing under Health & Human Services	
Economics	
Economics	AA, AA-T
Ethnic Studies	
Ethnic Studies	AA
Chicano Studies	AA
Geography	
Geography	AA, AA-T
History	
History	AA, AA-T
Political Science	
Political Science	AA, AA-T
Psychology	
Psychology	AA-T
Religious Studies	
Religious Studies	AA
Sociology	
Sociology	AA, AA-T
Sociology: Social Welfare	AA
General Studies	
General Studies: Social And Behavioral Science	AA

AA - ASSOCIATE OF ARTS DEGREE

AS - ASSOCIATE OF SCIENCE DEGREE

AA-T - ASSOCIATE OF ARTS FOR TRANSFER DEGREE

AS-T - ASSOCIATE OF SCIENCE FOR TRANSFER DEGREE

CA - CERTIFICATE OF ACHIEVEMENT

SC - SKILLS CERTIFICATE

NC - NONCREDIT CERTIFICATE OF COMPLETION

SCIENCE, TECHNOLOGY, ENGINEERING, MATH

Anthropology	
Anthropology	AA-T
Biology	
Biology	AS, AS-T
Chemistry	
Chemistry	AS
Computer Science	
Cloud Computing	CA
Computer Science	AS
Computer Science Programming	CA
.Net Programming	SC
A+/Net+ Certification Preparation	SC
C/C++	SC
Microcomputer Literacy	NC
Microcomputer Systems	SC
Earth Science	
Earth Science	AS
Engineering	
Engineering	AS
Engineering Technology: Industrial/Manufacturing	AS, CA
Engineering Technology: Mechanical Engineering	AS
English as a Second Language - Credit	
ESL Milestone - Pathway to Environmental Science	CA
Geography	
Geography	AA, AA-T
Geology	
Geology	AS, AS-T
Math	
Mathematics	AS-T
Physics	
Physics	AS, AS-T
Psychology	
Psychology	AA-T
General Studies	
General Studies: Natural Science	AA

STUDENT LEARNING OUTCOMES

Los Angeles Valley College has transitioned from the former Program Pathway structure to program outcomes identified within each degree or certificate of achievement. These new Program Student Learning Outcomes (PSLOs) illustrate specific proficiencies and competencies for each program; higher-level outcomes such as communication, performance, or critical thinking skills are also embedded within the PSLOs. PSLOs that have been approved by the Valley College Curriculum Committee (VCCC) are listed under each program or can be found in Program Mapper: https://programmap.lavc.edu.

The PSLOs in Program Mapper will allow you to explore the outcomes of any degree or certificate program, expand your understanding of each program, and help build confidence in your program choice.

For more information on SLOs please visit: https://www.lavc.edu/about/Student-Learning-Outcomes-Pathways.aspx.

COURSE SUBJECT ABBREVIATIONS

The following course subject abbreviations are used on the college transcripts.

SUBJECT	FULL NAME	SUBJECT	FULL NAME
ACCTG	ACCOUNTING	HISTORY	HISTORY
ADM JUS	ADMINISTRATION OF JUSTICE	HUMAN	HUMANITIES
AFRO AM	AFRICAN AMERICAN STUDIES	INTBUS	INTERNATIONAL BUSINESS
ANATOMY	ANATOMY	ITALIAN	ITALIAN
ANTHRO	ANTHROPOLOGY	JEWISH	JEWISH STUDIES
ARC	ARCHITECTURE	JOURNAL	JOURNALISM
ART	ART	KIN	KINESIOLOGY
ASIAN	ASIAN AMERICAN STUDIES	KIN ATH	KINESIOLOGY ATHLETICS
ASTRON	ASTRONOMY	KIN MAJ	KINESIOLOGY MAJOR
BIOLOGY	BIOLOGY	LAW	LAW
BIOTECH	BIOTECHNOLOGY	LRNSKIL	LEARNING SKILLS
BRDCSTG	BROADCASTING	LIB SCI	LIBRARY SCIENCE
BUS	BUSINESS	LING	LINGUISTICS
CHEM	CHEMISTRY	MSCNC	MACHINE SHOP-CNC
CHICANO	CHICANO STUDIES	MGMT	MANAGEMENT
CH DEV	CHILD DEVELOPMENT	MARKET	MARKETING
CINEMA	CINEMA	MATH	MATHEMATICS
COLLEGE	COLLEGE STUDIES	MEDIART	MEDIA ARTS
CAOT	COMPUTER APPLICATIONS OFFICE TECHNOLOGY	METEOR	METEOROLOGY
CIS	COMPUTER INFORMATION SYSTEMS	MICRO	MICROBIOLOGY
CS	COMPUTER SCIENCE INFORMATION TECHNOLOGY	MUSIC	MUSIC
COMM	COMMUNICATION STUDIES	NUM CON	NUMERICAL CONTROL
COOP ED	COOPERATIVE EDUCATION	NRSCE	NURSING SCIENCE
COUNSEL	COUNSELING	OCEANO	OCEANOGRAPHY
DNCESPC	DANCE SPECIALTIES	PHILOS	PHILOSOPHY
DANCEST	DANCE STUDIES	PHOTO	PHOTOGRAPHY
DANCETQ	DANCE TECHNIQUES	PHYS SC	PHYSICAL SCIENCE
DEV COM	DEVELOPMENTAL COMMUNICATIONS	PHYSICS	PHYSICS
ECON	ECONOMICS	PHYSIOL	PHYSIOLOGY
EDUC	EDUCATION	POL SCI	POLITICAL SCIENCE
ELECTRN	ELECTRONICS	PSYCH	PSYCHOLOGY
ENG GEN	ENGINEERING, GENERAL	REAL ES	REAL ESTATE
EGDTEK	ENGINEERING GRAPHICS & DESIGN	RECR	RECREATION
EGT	ENGINEERING, GENERAL TECHNOLOGY	RESPTH	RESPIRATORY THERAPY
ENGLISH	ENGLISH	SOC	SOCIOLOGY
E.S.L.	ENGLISH AS A SECOND LANGUAGE	SPANISH	SPANISH
ENV SCI	ENVIRONMENTAL SCIENCE	STAT	STATISTICS
ENVSTDS	ENVIRONMENTAL STUDIES	THEATER	THEATER
ESL	ENGLISH AS A SECOND LANGUAGE	T & M	TOOL AND MANUFACTURING TECHNOLOGY
FINANCE	FINANCE	*BSICSKL	BASIC SKILLS
FIRETEK	FIRE TECHNOLOGY	*ESL NC	ENGLISH AS A SECOND LANGUAGE
FRENCH	FRENCH	*ESLCVCS	ESL CIVICS
GEOG	GEOGRAPHY	*OLD ADL	OLDER ADULTS
GEOLOGY	GEOLOGY	*PARENT	PARENTING
GERMAN	GERMAN	*TUTOR	SUPERVISED LEARNING ASSISTANCE
HEALTH	HEALTH	*VOC ED	VOCATIONAL EDUCATION
HEBREW	HEBREW		

*Noncredit course abbreviation

TRANSFER REQUIREMENTS

GENERAL INFORMATION

Information in this section provides information for Los Angeles Valley College students who intend to transfer to a four-year college or university for a Bachelor's degree (BA/BS). However, since each college or university has its own requirements for admission and placement into junior standing, students are urged to consult the catalog of the university of their choice if their University has not been included in this section. Online catalogs and other transfer resources are also available in the Career/Transfer Center. Information and counseling regarding transfer requirements for majors are available in the Counseling Office.

While there are many points of similarity in the transfer requirements at different institutions, students wishing to avoid unnecessary delays in achieving their goals should try to decide before beginning community college work whether they want to transfer to a four-year university after completing their coursework at Los Angeles Valley College.

Articulation is the process of developing a formal, written agreement that identifies courses (or sequences of courses) from one institution that are comparable to, or acceptable in lieu of, specific course requirements at a "receiving" campus. These articulation agreements may specify one or more of the following: courses accepted for Baccalaureate (transferable) credit; general education-breadth requirement agreements; course-to-course agreements; and lower-division major preparation agreements. Los Angeles Valley College has established articulation agreements with all of the California State University and University of California campuses, as well as many of the four-year independent institutions in California.

ASSIST (Articulation System Stimulating Intersegmental Student Transfer) is the official repository of articulation for California's public colleges and universities and therefore provides the most accurate and up-to-date information available about student transfer in California. ASSIST displays reports of how course credits earned at California's community colleges can be applied when transferring to a California State University (CSU) or University of California (UC) campus. For information on California's Independent Colleges go on-line at www.aiccu.edu. The Career/Transfer Center has information on California Independent Colleges as well.

ASSIST is available at www.assist.org

The following sections list requirements for transfer admission as a Junior (or upper division student) at the California State Universities and the University of California system, and more specifically California State University, Northridge (CSUN), California State University, Los Angeles and University of California, Los Angeles (UCLA), since the greatest number of students from Los Angeles Valley College transfer to these institutions. However, in all cases students are urged to explore several colleges and universities and to study the requirements of each school they plan to apply for transfer, and to check regularly with their counselor for additional transfer information. The requirements below are current as of the publication deadline for this catalog; however, this information is subject to change. Students should consult a Los Angeles Valley College counselor at least once per semester to ensure they have the most up-to-date information.

Completion of transfer requirements usually takes approximately two years of full-time study, unless remedial coursework is necessary. In addition to any remedial coursework students should plan their programs to meet transfer requirements in the following three areas:

- *Major Preparation Requirements.* These are lower-division courses in your major that are available to students at Los Angeles Valley College.
- *General Education Requirements.* These are lower-division courses that cover a breadth of general knowledge which are required of all students in addition to their major preparation. General Education plans for both UC and CSU are listed on pages 27-28 and 32-34.
- *Elective Unit Requirements.* These are additional transferable units necessary to meet the minimum required for transfer.

LAVC currently offers 26 Associate Degrees for Transfer: Administration of Justice; Anthropology; Art History; Biology; Business Administration; Communication Studies; Early Childhood Education; Economics; Elementary Teacher Education; English; Film, Television, and Electronic Media; Geography; Geology; History; Journalism; Kinesiology; Mathematics; Music; Philosophy; Physics; Political Science; Psychology; Sociology; Spanish; Studio Arts and Theatre Arts. See pages 45-54 for more information.

SPECIAL TRANSFER PROGRAMS

TRANSFER ALLIANCE/HONORS PROGRAM (TAP) HONORS

The Los Angeles Valley College Transfer Alliance/Honors Program is designed for students who do not have a previous college degree, and who plan on transferring to a four-year college or university. It consists of academically enriched general education courses in which both written expression and the critical analysis of ideas are stressed. The TAP/Honors sections will provide academically motivated students the opportunity to learn in a challenging and stimulating academic environment. The number of TAP students admitted to UCLA is more than double the rate for non-TAP applicants. On average 75-85% of our TAP applicants are admitted to UCLA compared to under 30% admission for non-TAP applicants. Once at UCLA our TAP transfers perform better academically than non-TAP transfers and native UCLA students.

ELIGIBILITY

Students entering TAP from high school must have earned an unweighted GPA of 3.25 (B) or higher in high school and include a copy of their final transcripts with date of graduation with their TAP application. Continuing college students may enter TAP after completing 9 units or more of (UC) transferable college work with a grade point average of 3.25 or higher (shown on all college transcripts). Students must participate in TAP for at least two regular semesters (Fall and Spring) and complete 15-18 units TAP/Honors classes and Library Science 101 prior to transfer depending on student's individual TAP completion plan.

Students must complete at least two Honors courses by the end of the Fall semester prior to transferring.

ADVANTAGES

- Guaranteed priority consideration for admission to UCLA, College of Letters and Sciences and UC Irvine.
- Priority consideration for admission to the following 4-year private colleges: Chapman University, Gonzaga University, Loyola Marymount University, Mills College, Pitzer College, Pomona College, and University of San Diego
- Conditional admissions granted by: Colorado State University, University of La Verne, and University of Arizona
- Consideration for special TAP Scholarships at LAVC and UCLA.
- Priority registration for TAP/Honors sections during online registration before school starts.
- Notations of each TAP/Honors course on official LAVC transcripts of TAP/Honors Program completion.
- Letters of recommendation supporting all transfer admissions applications and certification to partner campuses.
- Assistance with transfer applications and essays.
- Increased student/professor contact.
- Special activities including guest speakers, seminars and field trips.
- Association with other academically motivated students.
- TAP/Honors designated counselors for specialized advisement.
- Opportunities to present research and creative works at prestigious academic conferences.
- UCLA library privileges.

TAP classes are indicated in the Course Descriptions section of the catalog by the symbol ✪, which appears at the end of the course title line of information. In the schedule of classes, TAP classes are indicated by Honors Section in the course title. Currently, TAP classes are approved in the following areas:

- AFRO AM 002, 004, 005, 020
- ANATOMY 001
- ANTHRO 101, 102, 103, 104, 111, 116, 121
- ART 101, 102, 103, 105, 109, 111, 115, 116, 125, 501
- ASTRON 001
- BIOLOGY 003, 006, 007, 022
- BRDCSTG 001, 026
- CHICANO 007, 008, 037, 042, 044
- CINEMA 105, 107, 114
- COMM 101, 104, 105
- ECON 001, 002
- ENGLISH 101, 102, 103, 205, 206, 207, 208
- ENV SCI 001, 022
- FRENCH 003, 004, 005, 006
- GEOG 001, 017
- GERMAN 003, 004, 005, 006
- HISTORY 001, 002, 005, 007, 011, 012
- HUMAN 001, 030
- ITALIAN 003, 004, 005
- JOURNAL 105
- LIB SCI 101
- MATH 227, 227S, 259, 260, 261, 262, 263
- MUSIC 101, 111
- PHILOS 001, 012
- POL SCI 001, 005
- PSYCH 001, 002, 011, 013, 014
- SOC 001, 002, 003, 011, 012, 021, 025, 031
- SPANISH 003, 004, 005, 006, 012, 016, 036, 037
- STAT 101

TAP/HONORS PROGRAM REQUIREMENTS:

To complete the program and graduate with TAP certification, students must complete 15 or 18 units of honors course work and Library Science 101. Students who enter the program as freshman are required to take 18 honors units; high-unit majors and continuing students (students who have completed at least 9 UC transferable units) need to take 15 honors units. All students are required to be in the program

for a minimum of two consecutive regular semesters (Fall and Spring) prior to transfer.

TYPES OF HONORS COURSES

1. *ALL Honors Courses:* Every semester, five sections of honors-only classes are offered to TAP students. These academically enriched classes are smaller and give students greater access to faculty. The courses rotate on a two-year schedule. See the TAP Director or TAP website for more information. www.lavc.edu/tap/index.aspx

2. *Mixed-Honors Sections:* Approximately 15 mixed sections with both honors and non-honors students are offered each semester in a variety of disciplines. There are generally 10 to 15 honors students in these sections, and they are required to complete additional work to enhance their experience in that course (see course addendum for details).

3. *Honors Contracts:* Students can also contract for honors-approved courses at LAVC that are not being offered during a particular semester. A contract outlining the additional course work for the honors student is completed by the faculty and student at the beginning of the semester and approved by the TAP Director. Upon successful completion of that contract, the student's transcript is notated as having taken the course as an honors section. See the TAP website for more information: www.lavc.edu/tap/index.aspx.

Year 1

Fall 2021

Area 1A – ENGLISH 101H
Area 2 – MATH 227H
Area 3A – ART 101H
Area 4 – AFRO AM 005H
Area 4 – PSYCH 001H
LIB SCI 101H

Spring 2022

Area 1B – ENGLISH 102H
Area 3A – MUSIC 101H
Area 3B – ANTHRO 121H
Area 4 – HISTORY 011H
Area 5B – PSYCH 002H

Year 2

Fall 2022

Area 1B – ENGLISH 103H
Area 3B – AFRO AM 020H
Area 4 – PSYCH 001H
Area 5B – ANTHRO 101H
LIB SCI 101H

Spring 2023

Area 1B – COMM 105H
Area 2 – STAT 101H
Area 3A – CINEMA 105H
Area 4 – ECON 001H
Area 5A – ENV SCI 001H

Course offerings are subject to change.

UNIVERSITY OF CALIFORNIA

Transfer Admission Requirements

Every effort has been made to ensure that the information below is accurate and timely. However, it is suggested that students planning for transfer to the University of California (UC) system discuss their transfer plans with a counselor semester by semester, as major changes frequently occur in requirements subsequent to the printing of this catalog. Transfer credit is granted at the discretion of the University of California system.

UC defines a transfer student as a person who has been a registered student in a regular session (Fall or Spring semester) at another college or university. Transfer applicants may not disregard any previous college records and apply for admission as freshmen.

Transfer Admission Requirements. The following requirements apply to students who will transfer to the University of California after Fall 1998. As you will see below, the requirements for admission as a transfer student vary according to a high school record, and depending on whether a student was eligible or not to enter UC directly after high school graduation.

1. *Students Eligible as Freshman:* Students who have satisfied the Subject Requirement (a-f courses), Scholarship Requirement (GPA), and Examination Requirement (SAT I/ACT and SAT II) are still eligible to apply as a freshman if they have a C (2.0) average in their transferable college coursework and have not attended a regular session of college after high school graduation.

2. *Students Transferring as a Junior:* Students must complete the following: Complete a minimum of 60 semester units or 90 quarter units of transferable college coursework with a grade point average of at least 2.4 in the following three categories.

   a. **Major Preparation Requirements**

      Please go online to www.assist.org for individual major requirements.

   b. **General Education Requirements**

      Complete a seven-course pattern requirement (with at least a C grade in each course) to include:

      1. Two transferable college courses (3 semester or 4-5 quarter units each) in English composition; and

      2. One transferable college course (3 semester or 4-5 quarter units) in Mathematical Concepts and Quantitative Reasoning; and

      3. Four transferable college courses (3 semester or 4-5 quarter units each) chosen from at least two of the following subject areas: Arts and Humanities; Social and Behavioral Sciences; or Physical and Biological Sciences.

OR

Completion of the Intersegmental General Education Transfer Curriculum (IGETC) will satisfy the seven-course pattern requirement listed above.

Students are required to petition for IGETC Certification in the Graduation Office prior to transfer. See pages 27-29 for complete IGETC requirements.

c. Elective Unit Requirements

These are additional UC transferable units necessary to meet the minimum 60 semester units required for transfer as a junior.

As an integral part of the system of public education in California, UC accepts, usually at full unit value, approved transfer courses completed with satisfactory grades in the public community colleges of the state. Such transfer courses are limited, however, to a maximum of 70 semester units or 105 quarter units. Also, the UC system limits transfer credit in some specific course instances, such as Physical Education (maximum of 4 semester units) and Directed Study (transfer credit determined only after transfer, by petition).

UC credit is granted for having completed Advanced Placement Examinations with a score of 3 or higher. See the specific UC campus catalog or a counselor for details.

UC TRANSFER PATHWAYS

If you are starting out at a California community college and know which major you want to study but have not decided which UC campuses to apply to, there is a simple way to keep your options open as you prepare for your major. Follow one of the new Transfer Pathways, a single set of courses you can take to prepare for your major on any of the nine undergraduate campuses.

Although following a pathway does not guarantee admission to UC, it gives you a clear road map to prepare for your major and be well positioned to graduate on time from any UC campus. To learn more about the available pathways visit https://admission.universityofcalifornia.edu/transfer/preparation-paths/

An important note: The pathways guide students who want to make themselves competitive across the UC system; some majors listed may want fewer courses for admission, but none will expect more. We strongly encourage students to talk with a counselor and to apply to multiple campuses to improve their chances of admission.

UNIVERSITY OF CALIFORNIA, LOS ANGELES (UCLA) TRANSFER REQUIREMENTS

COLLEGE OF LETTERS AND SCIENCE

In addition to the general education requirements, each department has its own lower-division major requirements. Students who complete as many lower-division major requirements as possible have the best chance of getting admitted to UCLA. In some programs, Los Angeles Valley College does not offer all the lower-division preparation courses required by the departmental majors. It is essential, therefore, to refer to the UCLA General Catalog for complete departmental major requirements. Since many of the departmental major requirements are revised after a college catalog has been printed, students are also urged to consult a counselor for up-to-date information. UCLA transfer informational handouts are available in the Counseling Office. You can also go online for major preparation courses at www.assist.org.

SCHOOL OF ENGINEERING AND APPLIED SCIENCES

Space is limited in the Engineering majors. Completion of major requirements does not guarantee admission. However, in order to be competitive, a student must have all lower-division major preparation requirements completed. UCLA bases its admission on overall grade point average and completion of all lower-division Math, Chemistry, Computer Science, Physics, and English requirements. UCLA transfer informational handouts are available in the Counseling Office.

SCHOOL OF THE ARTS AND ARCHITECTURE AND SCHOOL OF THEATER, FILM, AND TELEVISION

The UCLA Arts curriculum is offered in the School of the Arts and Architecture and the School of Theater, Film, and Television. See a counselor for information on courses you may take to meet general education and major requirements. UCLA transfer informational handouts are available in the Counseling Office. IGETC completion is required. Major preparation courses can be found online at www.assist.org.

INTERSEGMENTAL GENERAL EDUCATION TRANSFER CURRICULUM (IGETC) 2021-2022

The IGETC is a pattern of courses that students can use to satisfy Lower-division General Education (GE) requirements at any California State University (CSU) or University of California (UC) campus. However, completion of the IGETC is not an admission requirement for the CSU or UC, nor is it the only way to fulfill lower-division General Education requirements before transfer. Students should contact a counselor for detailed information. Foreign transcript coursework cannot be used on IGETC except in special circumstances in Area 6; see a counselor for details. Students must petition Admissions and Records for certification of IGETC completion. Students should petition for a Certificate of Achievement in Intersegmental General Education Transfer (IGETC) at the same time as the petition for certification. See page 29 for footnote explanations. Every effort has been made to ensure that this information is accurate; however, students should consult an LAVC counselor periodically to determine whether there have been any changes or corrections.

WARNING! Consult a Los Angeles Valley College counselor before taking courses outside Los Angeles Valley College to be used on this IGETC general education plan, particularly if taking courses elsewhere in the LA College District. Every community college may apply its courses differently on general education, even if the course has the same course number and title.

Courses may appear in more than one area but can only be used in one area with the exception of courses used to satisfy Area 6.

AREA 1: ENGLISH COMMUNICATION C= COMPLETED IP= IN PROGRESS N= NEED	**C**	**IP**	**N**
UC: Two courses, one from Group A and one from Group B. CSU: Three courses, one from each group below. **A. ENGLISH COMPOSITION** (One course, 3 semester/4-5 quarter units) ENGLISH 101, E.S.L. 110 Course:_____College_____ AP _____ **B. CRITICAL THINKING – ENGLISH COMPOSITION** (One course, 3 semester/4-5 quarter units) COMM 105 ENGLISH 102[37] (Effective Fall 2014), 103 Course:_____College_____ (No AP scores accepted for this area) **C. ORAL COMMUNICATION** – (CSU requirement only) (One course, 3 semester/4-5 quarter units) COMM 101, 102, 151 Course:_____College _____ (No AP scores accepted for this area)			
AREA 2: MATHEMATICAL CONCEPTS AND QUANTITATIVE REASONING (One course, minimum of 3 semester/4-5 quarter units) MATH 227, 227S, 238[2], 245[3], 259, 260[3], 261, 262, 263, 270, 275 STAT 101[1] Course:_____College_____ AP _____			
AREA 3: ARTS AND HUMANITIES (Three courses with at least 1 course from Arts and 1 course from Humanities, 9 semester/12-15 quarter units) **A. ARTS** ART 093[39], 094[42], 101, 102, 103, 105, 109, 111, 115, 116[4], 125, 213, 501 BRDCSTG 026[40] (Effective F17) CHICANO 054[39] CINEMA 102, 104[5], 105, 106[39], 107, 113[41], 114[41] DANCEST 801[33], 805 HUMAN 003 MUSIC 101, 111, 118[39], 121, 122, 136[18], 141 THEATER 100, 110, 112 Course: _____College _____ AP _____ **B. HUMANITIES** AFRO AM 020 ANTHRO 121 CHICANO 037, 042[7] (SPANISH 012[4]*), 044 (SPANISH 016*) CINEMA 103 ENGLISH 102[7], 105[8] (LING 001*), 203, 204, 205, 206, 207, 208, 212, 252, 253 FRENCH 003, 004, 005, 006, 010, 025[39] GERMAN 003, 004, 005, 006[38], 010[42] HEBREW 010 (JEWISH 010*) HISTORY 007[10] HUMAN 001, 006[6], 008[6], 030 ITALIAN 003, 004, 005, JEWISH 002, 010 (HEBREW 010*), 035 (PHILOS 035*) PHILOS 001, 012, 014, 020, 028, 030, 031, 035 (JEWISH 035*), 045 SPANISH 003, 004, 005, 006, 009, 012 (CHICANO 042[7]*), 016 (CHICANO 044*), 025 (Effective F01-F09) & (reinstated Effective Fall 2015), 037 Course: _____ College _____ AP _____ Course: _____ College _____ AP _____			

*For UC and CSU transfer credit, these courses are considered "same as" and credit limited to one course.
**See page 29 for IGETC footnote descriptions.

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INTERSEGMENTAL GENERAL EDUCATION TRANSFER CURRICULUM (IGETC) 2021-2022

	C	IP	N
AREA 4: SOCIAL AND BEHAVIORAL SCIENCES (Three courses in at least two different disciplines, 9 semester/12-15 quarter units) AFRO AM 002, 004, 005 ANTHRO 102, 103, 104[32], 109[11], 141 BRDCSTG 001[37] (Effective Fall 2014) CH DEV 001 CHICANO 002, 007, 008 COMM 122[32] ECON 001, 002, 008[38], 010, 030[9], 040[31], 060 ENVSTDS 101 GEOG 002, 009, 014 HISTORY 001, 002, 005, 006, 011, 012, 020, 086[33] JEWISH 001, 004, 025 JOURNAL 105 POL SCI 001, 002, 005, 007 PSYCH 001, 011, 012, 013, 014, 032, 041[26], 052, 075 SOC 001, 002, 003, 011, 021, 022, 025[5],031,035 Course:_____College_____ AP_____ Course: _____College_____ AP_____ Course: _____College_____ AP_____			
AREA 5: PHYSICAL AND BIOLOGICAL SCIENCES Two courses (7-9 semester/9-12 quarter units.) One course must be taken from Physical Science and one course must be taken from Biological Science. Note: At least one science course must include a laboratory. Lab courses are marked by the symbol ‡ **A. PHYSICAL SCIENCE** ASTRON 001 CHEM 051[16, 42], 060[16]‡, 068[11,16]‡, 101‡, 102‡, 211[17]‡, 212[5]‡ ENV SCI 001[18], 007[18] (GEOLOGY 010*) GEOG 001[34], 003 (METEOR 003*), 017[34]‡ GEOLOGY 001, 002, 010[18] (ENV SCI 007*) METEOR 003 (GEOG 003*) OCEANO 001 PHYS SC 001[19], 004[41]‡ PHYSICS 006[20]‡, 007[20]‡, 037[20]‡, 038[20]‡, 039[20]‡, 066[20]‡, 067[20]‡ Course:_____College_____ AP_____ **B. BIOLOGICAL SCIENCE** ANATOMY 001[22]‡ ANTHRO 101, 116 BIOLOGY 003[24]‡, 005‡, 006‡, 007‡, 010‡, 022[31]‡, 040[38]‡ MICRO 020[25]‡ PHYSIOL 001[22]‡ PSYCH 002 Course:_____College_____ AP_____ **C. SCIENCE LABORATORY** ANATOMY 001[22]‡ ANTHRO 111‡[23] ASTRON 005[9]‡ BIOLOGY 003[24]‡, 005‡, 006‡, 007‡, 010‡, 022[31]‡,040[38]‡ CHEM 051[16, 42], 060, 068[11,16]‡, 101‡, 102‡, 211[17]‡, 212[5,17]‡ ENV SCI 022[31]‡ GEOG 015[34]‡, 017[34]‡ GEOLOGY 006‡, 007‡ MICRO 020[25]‡ OCEANO 010‡ PHYS SC 004[41]‡, 014[26]‡ PHYSICS 006[20]‡, 007[20]‡, 037[20]‡, 038[20]‡, 039[20]‡, 066[20]‡, 067[20]‡ PHYSIOL 001[22]‡ This requirement may also be satisfied by completion of any lecture with lab course listed in Area 5A or 5B above that is marked by the symbol ‡ Course: _____College_____ AP_____			
AREA 6: LANGUAGE OTHER THAN ENGLISH: UC REQUIRED ONLY! Proficiency equivalent to two years of high school in the same foreign language with a grade of C or better; or satisfactory score on SAT II (documentation of high school credit or SAT score required); or one of the following equivalent college courses. See counselor for other options. FRENCH 002, GERMAN 002, HEBREW 002 (JEWISH 012*), ITALIAN 002, SPANISH 002[35], 035[39], 036[18, 35], 037[37] Course:_____College_____ AP_____			
CSU UNITED STATES HISTORY, CONSTITUTION & AMERICAN IDEALS (Not part of IGETC, but may be completed prior to transfer.) For IGETC Certification purposes, courses used to satisfy this CSU graduation requirement may also be used to satisfy IGETC Subject Areas 3 and/or 4. However, if a course(s) is used to satisfy both an IGETC subject-area requirement and the CSU United States History, Constitution and American ideals graduation requirement, some CSU campuses may require students to take an additional course(s) after transfer. CSUN and CSULA will NOT require an additional course(s) Other CSU campuses should be consulted directly regarding their policy. (Effective Fall 05) may be completed with the following two courses: HISTORY 006 or 020 AND one of the following: ECON 010 or HISTORY 011 OR POL SCI 001 AND one of the following: AFRO AM 004, 005, CHICANO 008, ECON 010, HISTORY 005, 011, 012, 018			

*For UC and CSU transfer credit, these courses are considered "same as" and credit limited to one course.
**See page 29 for IGETC footnote descriptions.

IGETC FOOTNOTE DESCRIPTIONS:

[1] MATH 225, 227, STAT 1 or 101: UC maximum credit allowed: one course.

[2] MATH 238, 265, or 266 combined: UC maximum credit allowed, one course.

[3] MATH 245 combined with 260: UC maximum credit: one course.

[4] This course counts ONLY if taken Fall 1993 or later.

[5] This course counts ONLY if taken Fall 1999 or after.

[6] Course repeatable but UC maximum credit: one course.

[7] This course counts ONLY if taken Fall 1995 or later.

[8] English courses count only if taken Fall 1996 or later.

[9] This course counts ONLY if taken Fall 1998 or later.

[10] HISTORY 007, 047, 048 or PHILOS 033 combined: UC maximum credit allowed: two courses.

[11] This course counts ONLY if taken Fall 1997 or later.

[12] HISTORY 001, 002, and 017, 018 combined: UC maximum credit allowed: two courses.

[13] HISTORY 012, 013 combined: UC maximum credit allowed: one course.

[15] CHEM 070, 210 or 221 combined: UC maximum credit allowed: two courses.

[16] No credit for CHEM 051 or 060 or 068 if taken after CHEM 101. CHEM 051 or 060 or 068 combined: UC maximum credit: one course

[17] Credit for CHEM 210 or 211, not both.

[18] This course counts ONLY if taken Fall 2001 or later.

[19] No credit for PHYS SC 001 if taken after college course in Astronomy, Chemistry, Geology, or Physics.

[20] PHYSICS 006, 007 and 037, 038, 039 and 066 and 067 combined: UC maximum credit allowed: one series.

[21] No credit for PHYSICS 012 if taken after 06 or 037.

[22] ANATOMY 001, PHYSIOL 001, 008 or 009 combined: UC maximum credit: 8 units.

[23] This course counts only if taken Fall 2000 or after.

[24] BIOLOGY 003 and 025 combined: UC maximum credit: 1 course. No credit for 003 or 025 if taken after 006 or 007.

[25] MICRO 001 and 020: UC maximum credit allowed: one course.

[26] This course counts only if taken Fall 2002 or later.

[28] This course counts only if taken Fall 2003 or later.

[29] This course counts only if taken Spring 2004 or later.

[30] This course counts only if taken Fall 2005 or later.

[31] This course counts only if taken Spring 2006 or later.

[32] This course counts only if taken Spring 2007 or later.

[33] This course counts only if taken Fall 2007 or later.

[34] Credit for either GEOG 001 and 015 or 017.

[35] SPANISH 002 and 036 combined: maximum credit, one course.

[36] This course counts only if taken Fall 2012 or later.

[37] This course counts only if taken Fall 2014 or later.

[38] This course counts only if taken Fall 2015 or later.

[39] This course counts only if taken Fall 2016 or later.

[40] This course counts only if taken Fall 2017 or later.

[41] This course counts only if taken Fall 2019 or later.

[42] This course counts only if taken Fall 2020 or later.

IGETC AND ADVANCED PLACEMENT SCORES

A score of 3, 4, or 5 is required to grant credit for IGETC certification. An acceptable AP Advanced Placement Exam (AP) score for IGETC equates to either 3 semester or 4 quarter units for certification purposes.

Each AP may be applied to one IGETC area as satisfying one course requirement, with the exception of Language other Than English (LOTE). Students who have earned credit from an AP exam should not take a comparable college course because transfer credit will not be granted for both.

Students earning scores of 3, 4, or 5 in the physical and biological science AP examinations earn credit toward IGETC Area 5 and meet the IGETC laboratory activity requirement.

AP exams in Biology, Chemistry, Physics 1, Physics 2 or Physics B allow California Community College campuses to apply 4 semester or quarter units to IGETC certification. For Environmental Science, Physics C: Mechanics and Physics C: Electricity/Magnetism, 3 semester or 4 quarter units are applied for IGETC certification. Therefore, students who complete these exams will be required to complete at least 4 semester/5 quarter units to satisfy the minimum required units for Area 5.

There is no equivalent AP exam for Area 1B-Critical Thinking/ Composition.

AP Examination	IGETC Area	AP Examination	IGETC Area
Art History*	3A or 3B*	U.S. Government & Politics	4 and US 2
Biology	5B and 5C	Human Geography	4
Calculus AB	2A	Italian Language & Culture	3B and 6A
Calculus BC	2A	Japanese Language & Culture	3B and 6A
Calculus BC/AB subscore	2A	Latin Literature or Latin: Vergil	3B and 6A
Chemistry	5A and 5C	Latin	3B and 6A
Chinese Language & Culture	3B and 6A	Physics 1	5A and 5C
Macroeconomics	4	Physics 2	5A and 5C
Microeconomics	4	Physics B	5A and 5C
English Language/Composition	1A	Physics C mechanics	5A and 5C
English Literature/Composition*	1A or 3B*	Physics C electricity/magnetism	5A and 5C
Environmental Science	5A and 5C	Psychology	4
European History*	3B or 4*	Spanish Language & Culture	3B and 6A
French Language & Culture	3B and 6A	Spanish Literature & Culture	3B and 6A
French Literature	3B and 6A	Statistics	2A
German Language & Culture	3B and 6A	U.S. History*	(3B or 4*) and US 1
Comparative Government & Politics	4	World History: Modern*	3B or 4*

*AP exams may be used in either area regardless of where the certifying CCC's discipline is located.

IGETC AND INTERNATIONAL BACCALAUREATE (IB) CREDIT

A score of 5, 6 or 7 on Higher Level exams is required to grant credit for IGETC certification. An acceptable IB score for IGETC equates to either 3 semester or 4 quarter units for certification purposes.

Students who have earned credit from an IB exam should not take a comparable college course because transfer credit will not be granted for both.

International Baccalaureate (IB)	IGETC Area
IB Biology HL	5B
IB Chemistry HL	5A
IB Economics HL	4
IB Geography HL	4
IB History (any region) HL	3B OR 4*
IB Language A: Literature (any language, except English) HL	3B AND 6A
IB Language A: Language and Literature (any language, except English) HL	3B and 6A
IB Language A: Literature (any language) HL	3B
IB Language A: Language and Literature (any language) HL	3B
IB Language B (any language) HL	6A
IB Mathematics HL	2A
IB Physics HL	5A
IB Psychology HL	4
IB Theatre HL	3A

**IB exam may be used in either area regardless of where the certifying CCC's discipline is located.*

CALIFORNIA STATE UNIVERSITY

Transfer Requirements

TRANSFER ADMISSION REQUIREMENTS

1. Students transferring as a Freshman or Sophomore: If you have completed fewer than 60 transferable semester (90 quarter) units, you will qualify for lower-division admission if you have a grade point average of 2.0 (C or better) in all transferable units attempted, are in good standing at the last college or university attended, and meet the admission requirements for first-time freshmen, i.e., you have completed with a grade of C or better each of the courses in the comprehensive pattern of college preparatory subject requirements and have a qualifiable eligibility index. Nonresidents must meet the eligibility index for nonresidents. If you did not complete all the subject requirements in high school, appropriate college courses may be used to make up the missing subjects.

   Some CSU campuses may also require some college general education courses in addition to your high school record in order to qualify for lower-division transfer admission. Please be aware that many CSU campuses have restrictions on lower-division transfers. Check with a counselor if you are interested in this option.

2. **Students transferring as a Junior:** If you have completed at least 60 transferable semester (90 quarter) units, have a grade point average of 2.0 (C or better) in all transferable units attempted (nonresidents must have a grade point average of 2.4), and are in good standing at the last college or university attended, you may become eligible for upper division admission.

   a. Major Requirements

   Los Angeles Valley College offers many of the lower-division preparation courses required by the departmental majors. The college also offers many Associate Degrees for Transfer (p. 44). Please refer to www.assist.org and/or consult with a counselor for up-to-date transfer information.

   b. General Education Requirements

   Of the 60 (CSU) transferable units completed at least 30 semester (45 quarter) units are to be selected from courses that meet general education requirements. The 30 semester (45 quarter) units must include all of the four basic subject requirements with a C- or better in Written Communication, Oral Communication, Critical Thinking and Mathematics/Quantitative Reasoning.

   OR

   Completion of IGETC or CSU General Education Certification (see below) will satisfy the 30 semester units/general education requirements above.

   Students are required to petition for CSU General Education Certification in the Graduation Office prior to transfer. See pages 32-34 for complete CSU GE requirements.

Full certification can be granted by Los Angeles Valley College when a student has completed a total of 39 units consisting of the following number of units for each category: (A) 9 units including English 101 or E.S.L. 110, (B) 9 units including a science laboratory course, (C) 9 units Humanities, (D) 6 units that may include the 6-unit American Institutions requirement, (E) 3 units Life Long Learning & Self-Development, (F) 3 units Ethnic Studies. New or returning students who begin in Fall 2021 will need to compete 6 semester units of Area D. Students with catalog rights prior to Fall 2021 will need to complete 9 units from Area D, from at least two different disciplines for certification. Students with catalog rights prior to Fall 2021 are not required to complete Area F. However, continuing students may opt to follow the revised 2021-2022 CSU GE-Breadth pattern and complete 6 units in Area D and 3 units in Area F.

Partial certification can be granted by Los Angeles Valley College in any of the categories (A) through (F) when a

student has completed the required number of units for that category. Los Angeles Valley College can also certify completion of Title 5 American History and Institutions requirement within Area D, Social Sciences (see Area D for details).

Veteran students who submit their military basic training to the Office of Admissions and Records as indicated on their DD214 will be granted an exemption and partial certification for Area E, Lifelong Learning and Self Development. An exemption means that no unit or course credit will be granted. The exemption and partial certification will be noted on the student's transcript.

Since requirements for general education may change after the catalog is printed, it is essential for students to consult with a counselor.

c. Elective Unit Requirements

These are additional CSU transferable units necessary to meet the 60 minimum semester units required for transfer as a junior.

CALIFORNIA STATE UNIVERSITY, NORTHRIDGE (CSUN) TRANSFER REQUIREMENTS

In addition to the general education requirements, each department has its own lower-division major requirements. Students who complete as many lower-division major requirements as possible have the best chance of being admitted to their major.

In some programs, Los Angeles Valley College does not offer all the lower-division preparation courses required by the departmental majors. It is essential, therefore, to refer to the CSUN General Catalog for complete departmental major requirements. Since many of the departmental major requirements are revised after a college catalog has been printed, students are also urged to consult a counselor for up-to-date information.

HBCU AND PRIVATE COLLEGES AND UNIVERSITIES

Transfer Admission Requirements

Admission requirements of independent colleges and universities vary, as do course transferability and course credit allowed. Students should consult a counselor and the College Catalog of their intended transfer institution for more information. In 2015, the California Community College system signed a transfer agreement with several HBCU's. Students completing these requirements are guaranteed transfer to a participating HBCU.

Please refer to https://ccctransfer.org/category/hbcu/ and/or consult with a counselor for more information.



GENERAL EDUCATION CERTIFICATION FOR CALIFORNIA STATE UNIVERSITIES 2021-2022

*This plan will satisfy lower-division G.E. for the CSU system. You must petition Admissions and Records to have certification placed on your transcript. "Ef" indicates first term that course can be used on this plan. *For UC and CSU transfer credit, these courses are considered "same as" and credit is limited to one course.*

WARNING! Consult a Los Angeles Valley College counselor before taking courses outside Los Angeles Valley College to be used on this CSU general education plan, particularly if taking courses elsewhere in the LA College District. Every community college may apply its courses differently on general education, even if the course has the same course number and title. Every effort has been made to ensure that this information is accurate; however, students should consult an LAVC counselor periodically to determine whether there have been any changes or corrections.

***Courses may appear in more than one area but will only be used in one area with the exception of science courses that satisfy both a lecture and a lab. A grade of C- or better is required for certification in Areas A1, A2, A3 and B4.**

C= COMPLETED IP= IN PROGRESS N= NEED	C	IP	N

A. ENGLISH LANGUAGE COMMUNICATION AND CRITICAL THINKING: 9 units (3 courses) with at least one course chosen from each of the three subcategories below:

1. Oral Communication: COMM 101, 102, 151

2. Written Communication: ENGLISH 101, E.S.L. 110

Course:_____College_____AP:_____

3. Critical Thinking:
ENGLISH 102, 103 (suggested for CSULA)
PHILOS 006, 009 (Ef F00-SU04) & (reinstated Ef SP 06)
COMM 104, 105
(No AP Scores accepted for this area)

B. SCIENTIFIC INQUIRY AND QUANTITATIVE REASONING: 9 units (3-4 courses) with at least one course from each of the four subcategories below. At least one of the courses chosen must be a laboratory course. Acceptable laboratory courses are indicated by a † in the lists below. Single courses that contain both lecture and lab may count as lab courses as well as Physical or Life Science courses.

1. Physical Science:
ASTRON 001
CHEM 051†, 060†, 068†, 101†, 102†, 212†
ENV SCI 001, 007* (GEOLOGY 010*)
GEOG 001, 003 (METEOR 003*), 017 †
GEOLOGY 001, 002, 010 (ENV SCI 007*)
OCEANO 001
PHYS SC 001, 004†
PHYSICS 006†, 007†, 037†, 038†, 039†, 066†, 067†

2. Life Science:
ANATOMY 001†
ANTHRO 101, 116
BIOLOGY 003†, 005†, 006†, 007†, 010†, 022†, 040†
MICRO 020†
PHYSIOL 001†
PSYCH 002

Course:_____ College_____AP:_____

Course:_____ College_____AP:_____

3. Laboratory Activity: Any science course marked by a † in B1 or B2 will satisfy this requirement also. A laboratory course cannot apply unless student also takes the lecture course that is prerequisite or corequisite to that laboratory course.

ANTHRO 111†
ASTRON 005†
ENV SCI 019†, 022† (Ef F05)
GEOG 015†, 017†
GEOLOGY 006†, 007†
OCEANO 010†
PHYS SC 004†, 014†

4. Mathematics/Quantitative Reasoning:
FINANCE 008 (Effective Fall 2019)
MATH 215, 227, 227S, 238, 240, 245, 259, 260, 261, 262, 263, 270, 275
STAT 101

Course:_____College_____AP:_____

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GENERAL EDUCATION CERTIFICATION FOR CALIFORNIA STATE UNIVERSITIES 2021-2022

C. **ARTS AND HUMANITIES:** 9 units (3 courses) with at least one from area 1 and one from area 2 below:	C	IP	N

1. Arts: Arts, Dance, Music, Theater

ART 093, 094 101, 102, 103, 105, 109, 111, 115, 116, 125, 201, 213, 501
BRDCSTG 026
CHICANO 054
CINEMA 102, 104 (Ef F99), 105, 106, 107, 113, 114
DANCEST 801, 802, 805
MUSIC 101, 111, 118, 121, 122, 136, 141
THEATER 100, 110, 112

2. Humanities: Literature, Philosophy, Foreign Language

AFRO AM 020
ANTHRO 121
CHICANO 037, 042 (SPANISH 012*), 044 (SPANISH 016*)
CINEMA 103
COMM 130
ENGLISH 105 (LING 001*), 203, 204, 205, 206, 207, 208, 252, 253
FRENCH 001 (or 021 or 022), 002, 003, 004, 005, 006, 010, 025
GERMAN 001, 002, 003, 004, 005, 006, 010
HEBREW 001 (JEWISH 011*), 002 (JEWISH 012*), 010 (JEWISH 010*)
HISTORY 007
HUMAN 001, 002, 003, 030
ITALIAN 001, 002, 003, 004, 005
JEWISH 002 (Ef F97), 010 (HEBREW 010*), 011 (HEBREW 001), 012 (HEBREW 002*), 035 (PHILOS 035*), PHILOS 001, 012, 014, 020, 028, 030, 031, 035 (JEWISH 035*), 045,
SPANISH 001, 002, 003, 004, 005 (Ef F00), 006 (Ef F00), 009, 010, 012 (CHICANO 042), 016 (CHICANO 044*), 025 (Ef F00-F09 & reinstated Ef F15), 035, 036, 037

Course:_____College_____AP: _____
Course:_____College_____AP: _____
Course:_____College_____AP: _____

D. **SOCIAL SCIENCES:** 6 units (2 courses)			

Requirement for new or returning students who begin at a CCC in fall 2021: Students will need to complete 6 semester or 9 quarter units. Students with catalog rights prior to fall 2021: will need to complete 9 semester or 12 quarter units in Area D, from at least two different disciplines for certification. However, continuing students may opt to follow the revised 2021-22 CSU GE Breadth pattern and complete 6 units in Area D and 3 units in Area F

*The American Institutions Requirement may be completed as part of the 9 units required in Area D.
*The AMERICAN INSTITUTIONS REQUIREMENT: (Effective Fall 05) may be completed with two courses:

HISTORY 006 or 020 AND ECON 010 or HISTORY 011
OR
Pol Sci 1 AND AFRO AM 004, 005, CHICANO 008, ECON 010, HISTORY 005, 011, or 012

ADM JUS 075 (Ef F14)
AFRO AM 002 (Ef F 15), 004, 005
ANTHRO 102, 103, 104 (Ef SP 07), 109
BRDCSTG 001, 006, 032
CHICANO 002, 007, 008
CH DEV 001, 042
COMM 122 (Ef SP 07)
ECON 001, 002, 008, 010, 030, 040, 060
ENVSTDS 101;
GEOG 002, 009, 014, 045
HISTORY 001, 002, 005, 006, 011, 012, 020, 086
HUMAN 006, 008
JEWISH 004, 025
JOURNAL 105
LAW 003
POL SCI 001, 002, 005, 007
PSYCH 001, 011, 012, 013, 014, 032, 041, 074, 075, 090
SOC 001, 002, 003 (Ef F 98), 004 (Ef SP 07), 011, 025 (Ef F 98), 031, 035

Course:_____College_____AP:_____
Course:_____College_____AP:_____
Course:_____College_____AP:_____

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GENERAL EDUCATION CERTIFICATION FOR CALIFORNIA STATE UNIVERSITIES 2021-2022

	C	IP	N
E. LIFELONG LEARNING & SELF-DEVELOPMENT: 3 units (minimum 1 course) : (only 1 unit of DanceSt, DanceTq, Dncespc, Kin, Kin Ath, Kin Maj may be used) AFRO AM 002 COMM 121 COUNSEL 020 DANCEST 301, 302, 801, 802, 814, 815, 816, 820, 822 DANCETQ 111, 112, 113, 114, 121, 122, 123, 124, 141, 142, 143, 144,151, 152, 153, 154, 181, 182, 221, 222, 223, 224, 225, 231, 232, 233, 234, 437 DNCESPC 161, 171, 172, 173, 174, 331, 332, 333, 334, 441, 442, 443, 444 HEALTH 002, 011 JEWISH 001 KIN 008, 009, 045, 046, 047, 049, 050, 205, 206, 217-1, 217-2, 229, 237-1, 251, 268-1, 269-1, 269-2, 273, 286, 287-1, 287-2, 300-1, 301-1, 301-2, 301-3, 303-1, 303-2, 307, 315-1, 315-2, 315-3, 315-4, 317-1, 317-2, 326-1, 326-2, 326-3, 329-1, 329-2, 329-3, 334, 336-1, 339-1, 350-1,350-2, 350-3, 350-4, 364-1, 364-2, 365-1, 366-1, 369-1, 369-2, 369-3, 369-4, 370-1, 370-2, 370-3, 370-4, 371-1, 371-2, 371-3, 371-4, 373-1, 373-2, 374-1, 374-2, 374-3, 387-1, 387-2, 387-3, 387-4, 389-1, 389-2, 389-3, 390, 391-1, 391-2 KIN ATH 503, 504, 506, 508, 511, 512, 513, 515, 517, 549, 552, 556 KIN MAJ 101, 127 LIB SCI 100 PSYCH 003, 041, 052, 060, 075, 090 SOC 012, 017, 021 Course:_____College_____AP: _____			
F. ETHNIC STUDIES: 3 units (minimum 1 course) : Requirement for new or returning students who begin at the CCC in fall 2021: Students will need to complete 3 units or 4 quarter units from Area F for full CSU GE certification. Students with catalog rights prior to Fall 2021: are NOT required to complete Area F. However, continuing students may opt to follow the revised 2021-22 CSU GE Breadth pattern and complete 6 units in Area D and 3 units in Area F. *Los Angeles Valley College currently does not have any approved courses for Fall 2021. Check with a counselor and Assist.org to determine if courses at another CCC have been approved for Area F. Course:_____College_____			

CSU SYSTEM-WIDE CREDIT FOR EXTERNAL EXAMINATIONS

Note that each campus in the California State University system determines how it will apply external examinations toward credit in the major. For students not already certified in GE and/or American Institutions, the campus also determines how to apply credit from such exams toward the local degree requirements.

	Passing Score	Minimum Semester Credits Earned[1]	Semester Credits Toward GE Breadth Certification	American Institutions and/or GE Breadth Area[2]	Removal Date for GE Breadth[3]
COLLEGE BOARD ADVANCED PLACEMENT TESTS					
AP Art History	3	6	3	C1 or C2	–
AP Biology	3	6	4	B2+B3	–
AP Calculus AB[6]	3	3	3	B4	–
AP Calculus BC[6]	3	6	3	B4	–
AP Calculus BC/AB Subscore[6]	3	3	3	B4	–
AP Chemistry	3	6	6	B1+B3	F09
AP Chemistry	3	6	4	B1+B3	–
AP Chinese Language and Culture	3	6	3	C2	–
AP Comparative Government & Politics	3	3	3	D8	–
AP Computer Science A[6]	3	3	0	n/a	–
AP Computer Science AB[6]	3	6	0	n/a	–
AP Computer Science Principles[6]	3	6	3	B4	–
AP English Language and Composition	3	6	3	A2	–
AP English Literature and Composition	3	6	6	A2+C2	–
AP Environmental Science[7]	3	4	4	B1+B3 or B2+B3	F09
AP Environmental Science	3	4	4	B1+B3	–
AP European History[7]	3	6	3	C2 or D6	–
AP French Language	3	6	6	C2	F09
AP French Language	3	6	3	C2	F11
AP French Language and Culture	3	6	3	C2	–
AP French Literature	3	6	3	C2	F09
AP German Language	3	6	6	C2	F09
AP German Language	3	6	3	C2	F11
AP German Language and Culture	3	6	3	C2	–
AP Human Geography	3	3	3	D5	–
AP Italian Language and Culture	3	6	3	C2	–
AP Japanese Language and Culture	3	6	3	C2	–
AP Latin Literature	3	6	3	C2	F09
AP Latin	3	6	3	C2	–
AP Latin: Vergil	3	3	3	C2	F12
AP Macroeconomics	3	3	3	D2	–
AP Microeconomics	3	3	3	D2	–
AP Music Theory	3	6	3	C1	F09
AP Physics 1[8]	3	4	4	B1+B3	–
AP Physics 2[8]	3	4	4	B1+B3	–
AP Physics B[8]	3	6	6	B1+B3	F09
AP Physics B[8]	3	6	4	B1+B3	F15
AP Physics C (electricity/magnetism)[8]	3	4	4	B1+B3	–

	Passing Score	Minimum Semester Credits Earned[1]	Semester Credits Toward GE Breadth Certification	American Institutions and/or GE Breadth Area[2]	Removal Date for GE Breadth[3]
AP Physics C (mechanics) [8]	3	4	4	B1+B3	–
AP Psychology	3	3	3	D9	–
AP Seminar	3	3	0	n/a	–
AP Spanish Language	3	6	6	C2	F09
AP Spanish Language and Culture	3	6	3	C2	–
AP Spanish Literature	3	6	6	C2	F09
AP Spanish Literature and Culture	3	6	3	C2	–
AP Statistics	3	3	3	B4	–
AP Studio Art - 2D Design	3	3	0	n/a	–
AP Studio Art - 3D Design	3	3	0	n/a	–
AP Studio Art - Drawing	3	3	0	n/a	–
AP U.S. Government & Politics	3	3	3	D8+US-2	–
AP U.S. History	3	6	3	(C2 or D6)+US-1	–
AP World History: Modern	3	3	3	C2 or D6	–
COLLEGE-LEVEL EXAMINATION PROGRAM (CLEP)					
CLEP American Government	50	3	3	D8	–
CLEP American Literature	50	3	3	C2	–
CLEP Analyzing and Interpreting Literature	50	3	3	C2	–
CLEP Biology	50	3	3	B2	–
CLEP Calculus	50	3	3	B4	–
CLEP Chemistry	50	3	3	B1	–
CLEP College Algebra	50	3	3	B4	–
CLEP College Algebra - Trigonometry	50	3	3	B4	–
CLEP College Mathematics	50	0	0	n/a	–
CLEP English Composition (no essay)	50	0	0	n/a	–
CLEP English Composition with Essay	50	0	0	n/a	–
CLEP English Literature	50	3	3	C2	F11
CLEP Financial Accounting	50	3	0	n/a	–
CLEP French[4] Level I	50	6	0	n/a	–
CLEP French[4] Level II	59	12	3	C2	F15
CLEP French[4] Level II	59	9	3	C2	–
CLEP Freshman College Composition	50	0	0	n/a	–
CLEP German[4] Level I	50	6	0	n/a	–
CLEP German[4] Level II	60	12	3	C2	F15
CLEP German[4] Level II	60	9	3	C2	–
CLEP History, United States I	50	3	3	D6+US-1	–
CLEP History, United States II	50	3	3	D6+US-1	–
CLEP Human Growth and Development	50	3	3	E	–
CLEP Humanities	50	3	3	C2	–
CLEP Information Systems and Computer Applications	50	3	0	n/a	–
CLEP Introduction to Educational Psychology	50	3	0	n/a	–
CLEP Introductory Business Law	50	3	0	n/a	–
CLEP Introductory Psychology	50	3	3	D9	–

	Passing Score	Minimum Semester Credits Earned[1]	Semester Credits Toward GE Breadth Certification	American Institutions and/or GE Breadth Area[2]	Removal Date for GE Breadth[3]
CLEP Introductory Sociology	50	3	3	D0	–
CLEP Natural Sciences	50	3	3	B1 or B2	–
CLEP Pre-Calculus	50	3	3	B4	–
CLEP Principles of Accounting	50	3	0	n/a	–
CLEP Principles of Macroeconomics	50	3	3	D2	–
CLEP Principles of Management	50	3	0	n/a	–
CLEP Principles of Marketing	50	3	0	n/a	–
CLEP Principles of Microeconomics	50	3	3	D2	–
CLEP Social Sciences and History	50	0	0	n/a	–
CLEP Spanish[4] Level I	50	6	0	n/a	–
CLEP Spanish[4] Level II	63	12	3	C2	F15
CLEP Spanish[4] Level II	63	9	3	C2	–
CLEP Trigonometry	50	3	3	B4	F06
CLEP Western Civilization I	50	3	3	C2 or D6	–
CLEP Western Civilization II	50	3	3	D6	–
INTERNATIONAL BACCALAUREATE (IB)					
IB Biology HL	5	6	3	B2	–
IB Chemistry HL	5	6	3	B1	–
IB Economics HL	5	6	3	D2	–
IB Geography HL	5	6	3	D5	–
IB History (any region) HL	5	6	3	C2 or D6	–
IB Language A Literature HL	4	6	3	C2	–
IB Language A Language and Literature HL	4	6	3	C2	–
IB Language A1 (any language) HL[5]	4	6	3	C2	F13
IB Language A2 (any language) HL[5]	4	6	3	C2	F13
IB Language B (any language) HL[5]	4	6	0	n/a	–
IB Mathematics HL	4	6	3	B4	–
IB Physics HL	5	6	3	B1	–
IB Psychology HL	5	3	3	D9	–
IB Theatre HL	4	6	3	C1	–

1. These units count toward eligibility for admission. The units may not apply towards Associate Degrees for Transfer (AD-T) or the baccalaureate degree. The units may not all apply toward certification of the corresponding GE-Breadth area. See Executive Orders 1036 and 1100 for details.
2. Areas of GE Breadth (A1 through E) are defined in EO 1100. Areas of American Institutions (US-1 through US-3) are set forth in Sections IA and IB of EO 1061, and at assist.org. Numerical subcategories for Area D were removed and no longer apply effective 4/11/2018 but are provided for historical reference.
3. Students seeking certification in GE Breadth prior to transfer must have passed the test before this date
4. If a student passes more than one CLEP test in the same language other than English (e.g., two exams in French), then only one examination may be applied to the baccalaureate. For each test in a language other than English, a passing score of 50 is considered "Level I" and earns six units of baccalaureate credit; the higher score listed for each test is considered "Level II" and earns additional units of credit and placement in Area C2 of GE Breadth, as noted
5. The IB curriculum offers language at various levels for native and non-native speakers. Language B courses are offered at the intermediate level for non-natives. Language A1 and A2 are advanced courses in literature for native and non-native speakers, respectively.
6. If a student passes more than one AP exam in calculus or computer science, only one examination may be applied to the baccalaureate.
7. Students who pass AP Environmental Science earn 4 units of credit. Tests prior to Fall 2009 may apply either to B1+B3 or B2+B3 of GE Breadth. Fall of 2009 or later, those credits may only apply to B1+B3
8. If a student passes more than one AP exam in physics, only six units of credit may be applied to the baccalaureate, and only four units of credit may be applied to a certification in GE Breadth.

ASSOCIATE DEGREE PROGRAMS

LOS ANGELES VALLEY COLLEGE GRADUATION REQUIREMENTS

The Board of Governors of the California Community Colleges has authorized the Los Angeles Community College District Board of Trustees to confer the degrees of Associate in Arts, Associate in Science, Associate Degrees for Transfer, Certificates of Achievement, Certificates of Competency, Certificates of Completion, and Baccalaureate Degrees.

The awarding of an Associate Degree symbolizes a successful attempt on the part of the college to lead students through patterns of learning experiences. Among these are the ability to think and to communicate clearly and effectively both orally and in writing; to use mathematics; to understand the modes of inquiry of the major disciplines; to be aware of other cultures and times; to achieve insights gained through experience in thinking about ethical problems; and to develop the capacity for self-understanding.

The District grants the degrees of Associate in Arts and Associate in Science to those students who have completed the subject requirements for graduation and who have maintained a 2.0 average in subjects attempted. Students must also complete the general education, residence, and competency requirements set forth in Title 5 regulations.

Unit Requirement: A minimum of 60 semester units of course credit in a selected curriculum with at least 18 semester units of study in a major or area of emphasis and at least 18 semester units of study in general education. Associate degrees for transfer, as defined in Education Code § Section 66746, must be aligned with transfer model curricula as approved by the Chancellor of the California Community Colleges and must require 60 semester units for completion, with at least 18 units of study in a major/area of emphasis and completion of Intersegmental General Education Transfer Curriculum (IGETC) or California State University General Education Breadth Requirements.

Residence Requirement: Students must complete no fewer than 12 units at the college conferring the degree. Exceptions to residence requirements for the associate degree may be made by the Board of Trustees when it determines that an injustice or undue hardship would be placed on the student

Scholarship Requirement: A "C" (2.0) grade average or better in all work attempted in the curriculum upon which the degree is based. Effective for all students admitted for the Fall 2009 term or any term thereafter, each course counted toward the major requirements must be completed with a grade of "C" or better or a "P" if the course is taken on a "pass-no pass" basis.

Competency Requirement: Continuing students with catalog rights from prior to fall 2019 who place into any transfer-level math course have met math competency for all AA/AS degrees. Students admitted fall 2019 or later may meet competency by verifying earning a grade of C- or higher in Algebra 2 or equivalent or higher at a US regionally accredited high school or college, or through other means as defined below. The competency requirements for the Associate of Arts (AA) and Associate of Science (AS) Degrees are met by the following criteria:

A. Mathematics Competency

The competency requirement in mathematics for the Associate Degree may be met by completion of any of the following:

1) Verification of passing with a grade of C or P or higher any course from a California Community College Chancellor's Office (CCCCO) Course Basic (CB) Code of "One Level Below Transfer" or higher with a TOP code beginning with 17.

2) Verification of passing with a grade of C- or higher a mathematics course at or above the level of the course typically known as Intermediate Algebra or the equivalent from any United States regionally accredited secondary or post-secondary institution.

3) Verification of passing with a grade of C or P or higher a California Community College course that meets the California State University General Education Breadth (CSUGE Breadth) requirement in Area B4: Mathematics/ Quantitative Reasoning and/or the Intersegmental General Education Transfer Curriculum (IGETC) in Area 2A: Mathematical Concepts and Quantitative Reasoning.

4) Achieving a satisfactory score (using a DAS-approved scoring-method) on a DAS-approved District Mathematics Competency Examination.

5) Achieving a satisfactory score on an external examination (such as, but not limited to an Advanced Placement Exam) as specified in LACCD Administrative Regulations.

B. Written Expression Competency

The competency requirement in written expression for the Associate Degree may be met by completion of any of the following:

1) Verification of passing with a grade of C or P or higher Freshman Composition from any California Community College or the equivalent from any United States regionally accredited institution with a grade of C- or higher.

2) Verification of passing with a grade of C or P or higher a California Community College course that meets the California State University General Education Breadth (CSUGE Breadth) requirement in Area A2: Written Communication and/or the Intersegmental General Education Transfer Curriculum (IGETC) in Area 1A: English Composition.

3) Achieving a satisfactory score on an external examination (such as, but not limited to an Advanced Placement Exam) as specified in LACCD Administrative Regulations.

C. Students who maintain continuous catalog rights (as defined in Administrative Procedure 4100) may satisfy competency according to the requirements stated in college catalogs pursuant to relevant Board Rules and Administrative Regulations from the first term under those rights until the term all graduation requirements have been met or any intervening term.

Conferring the Degree when offered at multiple LACCD Colleges: When the same major is offered at multiple colleges in the LACCD, the degree shall be conferred by the college where the student has taken the majority (greater than 50.0%) of units in the major. When units are split equally among two or more colleges, the college where the student was last enrolled shall award the degree.

Catalog Rights: These requirements apply to students entering for the first time beginning Fall or later. Continuing students maintaining "catalog rights" may be able to apply requirements in effect at the time they entered the college. "Catalog rights" is defined as follows:

A catalog year is defined as beginning with the fall semester through the subsequent summer. A student remaining in continuous attendance in the Los Angeles Community College District may elect to satisfy the degree, certificate, or graduation requirements in effect at the college from which the student will either earn his/her degree, certificate or graduate:

1. at the time the student began such attendance at the college, or

2. at the time all graduation requirements are met, or

3. any intervening catalog term between the time the student began continuous attendance and the time all graduation requirements were met.

Students who lose catalog rights become subject to any new requirements that are in effect at the time they re-enroll. A student who no longer maintains catalog rights may apply to be awarded a certificate or degree that was completed while they maintained catalog rights. In such a case, it shall be awarded retroactively in the last term of the period in which the student maintained those rights in which the certificate or degree requirements were completed.

Continuous Attendance: "Continuous attendance" means no more than one semester absence within an academic school year, excluding Summer Sessions and Winter Intersession.

Students granted a "military withdrawal" or a grade of "EW" under the provisions of Administrative Procedure 4230 Grading and Academic Record Symbols, will be considered to be in "continuous attendance" for their required period of military service or excused withdrawal.

COURSE REQUIREMENTS, MAJORS, AND THE LACCD GE PLAN:

The following three general education plans are offered at the colleges of the Los Angeles Community College District (LACCD) and may be used to meet the general education requirements for the associate degree:

- LACCD General Education Plan
- CSU GE-Breadth Plan
- IGETC Plan

The associate-level general education plan (LACCD GE Plan) is appropriate for students planning to earn an associate degree who do not plan to transfer to a 4-year institution.

Students planning to transfer to a 4-year institution should follow either the California State University General Education Breadth Plan (CSU GE-Breadth Plan) or the Intersegmental General Education Transfer Curriculum (IGETC). Any of these General Education Plans may be used towards an Associate Degree offered at LAVC.

The following table compares the three plans:

	No. of GE Units	No. Of Major Units
LACCD GE Plan	21	18+
CSU GE-Breadth	39	18+
IGETC	37	18+

The total number of units required for an Associate Degree is 60, regardless of which GE Plan is chosen.

ASSOCIATE OF ARTS (AA) VS. ASSOCIATE OF SCIENCE (AS)

The Associate of Arts (AA) degrees are awarded to students whose majors are in the areas of the arts, humanities, and social sciences. The Associate of Science (AS) degrees are awarded to students whose majors are in the areas of the physical and life sciences or in specialized technical areas considered to be applied sciences. Examples of AA majors are: Anthropology, Art, Economics, English, Mathematics and Sociology. Examples of AS majors are: Biology, Chemistry, Physics, Engineering, and Registered Nursing.

An Associate Degree is not required for admission to a university, but many transfer students find it to their advantage to obtain an Associate Degree prior to transferring.

See page 45 for information on the Associate Degrees for Transfer.

MULTIPLE OR ADDITIONAL ASSOCIATE DEGREES

Any student who contemplates acquiring more than one Associate Degree should discuss the matter with a counselor to determine if the student's goal would be better met by either a Baccalaureate Degree or Certificate.

A student may receive either multiple Associate degrees granted simultaneously, each in a single major, or an additional Associate degree after having earned a degree from an accredited college. Los Angeles Valley College will only grant such degrees when the student has completed all of the following Graduation Requirements (detailed in the Associate Degree Programs section of the catalog) for each degree awarded:

1. Unit requirements
2. Scholarship requirements
3. Residence requirements
4. General competencies
5. Major course requirements
6. General education course requirements

In addition to the above requirements, students following the LACCD GE Plan 2021-2022 general education requirements must complete at least 6 units in the major at LAVC. For the Associate Degrees for Transfer (ADTs), there is no major unit minimum requirement that must be completed at the college awarding the degree.

LOS ANGELES VALLEY COLLEGE - ASSOCIATE DEGREE GENERAL EDUCATION REQUIREMENTS - LACCD GE PLAN 2021-2022

GENERAL EDUCATION REQUIREMENTS: 21 semester units

MAJOR REQUIREMENTS: Minimum of 18 units in a single or related field. Each course counted towards the major or area of emphasis requirement must be completed with a "C" (2.0 or equivalent) or better.

1. UNIT REQUIREMENT: A minimum of 60 semester units of course credit in a selected curriculum.

2. SCHOLARSHIP REQUIREMENT: A "C" (2.0) grade point average or better.

3. RESIDENCE REQUIREMENT: Completion of at least 12 units of credit in residence, completion of a majority of the major requirement units in residence, and attendance at the college during the semester in which the requirements are completed.

4. READING AND WRITTEN COMPETENCY: Completion of the following course with a grade of "C" or better: ENGLISH 101 or E.S.L. 110 (or equivalent at another college); A grade of "C" or better in a college course that meets CSU GE Area A2 or IGETC Area 1A requirements; A score of 3 or higher on the following AP Exams: English Language and Composition or English Composition and Literature, or similar.

5. MATHEMATICAL COMPETENCY: Continuing students with catalog rights from prior to fall 2019 who place into any transfer-level math course have met math competency for all AA/AS degrees. Students admitted fall 2019 or later may meet competency by verifying earning a grade of C- or higher in the course typically known as Intermediate Algebra or equivalent or higher at a US regionally accredited high school or college, or through other means as defined in the following: A score of 3 or higher on the following AP exams: Calculus AB, Calculus BC, or Statistics, or similar. Verification of passing with a grade of C or P or higher a California Community College course that meets the California State University General Education Breadth (CSU GE-Breadth) requirement in Area B4: Mathematics/Quantitative Reasoning and/or the Intersegmental General Education Transfer Curriculum (IGETC) in Area 2A: Mathematical Concepts and Quantitative Reasoning.

6. THREE GENERAL EDUCATION PLANS are offered at the colleges of the Los Angeles Community College District (LACCD) to meet the general education requirements for the associate degree. The LACCD GE Plan is appropriate for students planning to earn an associate degree without transfer. Students planning to transfer to a four-year university should follow either the CSU GE-Breadth plan or the IGETC plan. The LACCD GE plan may NOT be used for Associate Degrees for Transfer (ADTs). ADT degrees require completion of either CSU GE or IGETC (for CSU). Meet with a counselor to discuss your options.

Please see a counselor and check the LAVC College catalog for specific major requirements.
***** THIS FORM SUBJECT TO CHANGE EACH YEAR**

Courses may only be used once to satisfy any GE area. **C= COMPLETED IP= IN PROGRESS N= NEED**	**C**	**IP**	**N**
A. NATURAL SCIENCES **3 Semester/4 Quarter units minimum**			
ANATOMY 001* ANTHRO 101, 111*, 116 ASTRON 001, 005* BIOLOGY 003, 006*, 005, 007*, 010, 022, 040* CHEM 051*, 060*, 068*, 101*, 102* ENV SCI 001*, 007, 022* GEOG 001, 003 (METEOR 003), 015*, 017 GEOLOGY 001, 002, 006*, 007* 010 (ENV SCI 007) MICRO 020* OCEANO 001, 010* PHYS SC 001, 004, 014* PHYSICS 006*, 007*, 037*, 038*,039*, 066*, 067* PHYSIOL 001* PSYCH 002*			
Other College_____ Advanced Placement _____			
B. SOCIAL AND BEHAVIORAL SCIENCES AND AMERICAN INSTITUTIONS **6 Semester/8 Quarter Units minimum**			
B1. AMERICAN INSTITUTIONS (3 Semester/4 Quarter Units minimum) AFRO AM 004, 005 CHICANO 008 ECON 010 HISTORY 005, 006, 011, 012, 018, 020 POL SCI 001			
B2. SOCIAL AND BEHAVIORAL SCIENCES (3 Semester/4 Quarter Units minimum) ADM JUS 075 AFRO AM 002 ANTHRO 102, 103, 104 BRDCSTG 001, 006, 32 CH DEV 001*, 042 CHICANO 002, 007 COMM 122 ECON 001*, 002*, 008, 030, 040, 060 ENVSTDS 101 GEOG 002, 009, 014, 045 HISTORY 001, 002, 086 HUMAN 006, 008 JEWISH 025 JOURNAL 105 LAW 003 POL SCI 002, 005, 007 PSYCH 001, 011*, 012*, 013*, 014*, 032, 041*, 052, 074*, 075, 090 SOC 001, 002, 003, 004, 011, 012, 021, 022, 025, 031, 035			
Other College_____ Advanced Placement_____			

***This course has a prerequisite or corequisite.**

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LOS ANGELES VALLEY COLLEGE - ASSOCIATE DEGREE
GENERAL EDUCATION REQUIREMENTS - LACCD PLAN 2021-2022 – CONTINUED

		C	IP	N
C. HUMANITIES	**3 Semester/4 Quarter Units minimum**			
AFRO AM 020 ANTHRO 121 ART 093, 094, 101, 102, 103, 105, 109, 111, 115, 116, 125, 201, 213, 501 ITALIAN 001, 002*, 003*, 004*, 005* BRDCSTG 026 CHICANO 042 (SPANISH 012), 044 (SPANISH 016), 054 CINEMA 102, 103, 104, 105, 106, 107, 113, 114 COMM 130 DANCEST 801, 802, 805 ENGLISH 105 (LING 001), 203*, 204*, 205*, 206*, 207*, 208*, 252*, 253* FRENCH 001 (or 021 or 022), 002*, 003*, 004*, 005*, 006*, 010, 025 GERMAN 001, 002*, 003*, 004*, 005*, 006*, 010	HEBREW 001 (JEWISH 011), 002* (JEWISH 012*), 010 (JEWISH 010) HISTORY 007 HUMAN 001, 002, 003, 006, 030 ITALIAN 001, 002*,003*, 004*, 005* JEWISH 002, JEWISH 010 (HEBREW 010), JEWISH 011 (HEBREW 001), JEWISH 012* (HEBREW 002*), 035 (PHILOS 035) LING 001 (ENGLISH 105) MUSIC 101, 111, 118, 121*, 122*, 136, 141 PHILOS 001, 012, 014, 020, 028, 030, 031, 035 (JEWISH 035), 045 SPANISH 001, 002*, 003*, 004*, 005*, 006*, 009, 035, 036*, 037* THEATER 100, 110, 112			
Other College_____	Advanced Placement _____			
D. LANGUAGE AND RATIONALITY	**6 Semester/8 Quarter Units minimum**			
D1. ENGLISH COMPOSITION (3 Units Minimum) ENGLISH 101*, E.S.L. 110*				
D2. COMMUNICATION AND ANALYTICAL THINKING (3 semester units) CIS 101 COMM 101, 102, 104, 105*, 151 ENGLISH 103* FINANCE 008	MATH 120*, 121*, 122*, 125*, 134* 215*, 227*, 227S*, 238*, 240*, 245*, 259*, 260*, 261*, 262*, 263* PHILOS 006, 009 STAT 101*			
Other College_____	Advanced Placement _____			
E. HEALTH AND PHYSICAL EDUCATION	**3 Semester/4 Quarter units minimum**			
E1. HEALTH EDUCATION (one course minimum) HEALTH 002 (meets both E1 & E2), 011 KIN MAJ 100, 101	NRSCE 101* RESPTH 002*			
E2. PHYSICAL EDUCATION ACTIVITY (1 Semester Unit minimum) DANCEST 185, 285, 301, 302*, 801, 802, 814, 815*, 816*, 820, 822 DANCETQ 111-114*, 121-124*, 141-144*, 151-154*, 181, 182*, 221-224*, 225, 231-234*, 437 DNCESPC 161, 171-174*, 331-334*, 441-444* KIN 008, 009, 045, 046, 047, 049, 050, 185, 205, 206, 217-1, 217-2*, 229, 237-1, 251, 268-1, 269-1, 269-2*, 273, 285, 286, 287-1, 287-2*, 300-1, 301-1, 301-2*, 301-3*, 303-1*, 303-2*, 307-1, 315-1, 315-2*, 315-3*, 315-4*,	KIN (continued) 317-1, 317-2*, 326-1, 326-2*, 326-3*, 329-1, 329-2, 329-3*, 334, 336-1, 339-1, 350-1, 350-2*, 350-3*, 350-4*, 364-1, 364-2*, 365-1, 366-1, 369-1, 369-2*, 369-3*, 369-4*, 370-1, 370-2*, 370-3, 370-4*, 371-1, 371-2*, 371-3*, 371-4*, 373-1, 373-2*, 374-1, 374-2*, 374-3*, 385, 387-1, 387-2*, 387-3*, 387-4*, 389-1, 389-2*, 389-3*, 390, 391-1, 391-2* KIN ATH 503, 504, 506, 508, 511, 512, 513, 515, 517, 549, 552, 556			
Military Credit (if applicable) _____				
Major / Area of Emphasis: Major Courses (min. 18 units)				
Electives				
Competency Met: Eng: Course_____ Math: Course_____ Test_____	TOTAL			

***This course has a prerequisite or corequisite.**

LAVC GE AND EXTERNAL EXAMINATIONS
ADVANCED PLACEMENT (AP) EXAM

AP Examination	Passing Score	GE Area	Semester Units Applied Toward LACCD GE Requirements	Total Semester Units Awarded Toward AA/AS/ADT
Art History	3	C	3	6
Biology	3	A	3	6
Calculus AB[1]	3	D2	3	3
Calculus BC[1]	3	D2	3	6
Calculus BC/AB Subscore[1]	3	D2	3	3
Chemistry	3	A	3	6
Chinese Language and Culture	3	C	3	6
Comparative Government & Politics	3	B2	3	3
Computer Science A	3	D2	3	3
Computer Science AB	3	D2	3	6
Computer Science Principles	3	N/A	0	6
English Language and Composition[2]	3	D1	3	6
English Literature and Composition[2]	3	C or D1	3	6
Environmental Science	3	A	3	4
European History	3	B2 or C	6	6
French Language and Culture	3	C	3	6
French Literature	3	C	3	6
German Language and Culture	3	C	3	6
Human Geography	3	B2	3	3
Italian Language and Culture	3	C	3	6
Japanese Language and Culture	3	C	3	6
Latin	3	C	3	6
Latin Literature	3	C	3	6
Latin: Vergil	3	C	3	3
Macroeconomics	3	B2	3	3
Microeconomics	3	B2	3	3
Music Theory	3	C	3	6
Physics 1	3	A	3	4
Physics 2	3	A	3	4
Physics B	3	A	3	6
Physics C (mechanics)	3	A	3	4
Physics C (electricity/magnetism)	3	A	3	4
Psychology	3	B2	3	3
Spanish Language and Culture	3	C	3	6
Spanish Literature and Culture	3	C	3	6
Statistics[1]	3	D2	3	3
Studio Art: 2D Design	3	C	3	3
Studio Art: 3D Design	3	C	3	3
Studio Art: Drawing	3	C	3	3
U.S. Government & Politics[3]	3	B1	3	3
U.S. History[3]	3	B1 or C	3	6
World History: Modern	3	B2 or C	3	6

[1]A score of 3, 4, or 5 on this exam satisfies the Math Competency Requirement.
[2]A score of 3, 4, or 5 on this exam satisfies the Reading & Written Expression Competency Requirement.
[3]A score of 3, 4, or 5 on this exam satisfies the American Institutions Requirement.

COLLEGE LEVEL EXAMINATION PROGRAM (CLEP) EXAMS

CLEP Exam	Passing Score	Associate Degree GE Area	Semester Units Applied Toward Associate Degree GE Requirements	Total Semester Units Awarded Toward Associate Degree
Business Exams				
Financial Accounting	50	NA	NA	3
Information Systems & Computer Applications	50	D2	3	3
Introductory Business Law	50	NA	NA	3
Principles of Management	50	NA	NA	3
Principles of Marketing	50	NA	NA	3
Composition and Literature				
American Literature	50	C	3	3
Analyzing and Interpreting Literature	50	C	3	3
College Composition	50	D1	3	6
College Composition Modular	50	D1	3	3
English Literature	50	C	3	3
Humanities	50	C	3	3
Foreign Languages*				
French Language, Level 1	50	C	3	6
French Language, Level 2	59	C	3	9
German Language, Level 1	50	C	3	6
German Language, Level 2	60	C	3	9
Spanish Language, Level 1	50	C	3	6
Spanish Language, Level 2	63	C	3	9
History and Social Sciences				
American Government	50	B1	3	3
History of the United States I: Early Colonization to 1877	50	B1	3	3
History of the United States II: 1865 to present	50	B1	3	3
Human Growth & Development	50	B2	3	3
Introduction to Educational Psychology	50	B2	3	3
Introductory Psychology	50	B2	3	3
Introductory Sociology	50	B2	3	3
Principles of Macroeconomics	50	B2	3	3
Principles of Microeconomics	50	B2	3	3
Social Sciences & History	50	B2	3	6
Western Civilization I: Ancient Near East to 1648	50	B2	3	3
Western Civilization I: 1648 To Present	50	B2	3	3

**Level 1- equivalent to the first two semesters (or 6 semester hours) of college-level foreign course work*

**Level 2- equivalent to the first four semesters (or 12 semester hours) of college-level foreign course work*

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COLLEGE LEVEL EXAMINATION PROGRAM (CLEP) EXAMS
CONTINUED

	Passing Score	GE Area	Semester Units Applied Toward GE Requirements	Total Semester Units Awarded Toward Associate Degree
Science and Mathematics				
Biology	50	A	3	6
Calculus[1]	50	D2	3	4
Chemistry	50	A	3	6
College Algebra[1]	50	D2	3	3
College Mathematics[1]	50	D2	3	6
Precalculus[1]	50	D2	3	3
Natural Sciences	50	A	3	6

INTERNATIONAL BACCALAUREATE (IB) EXAMS

IB EXAM	Passing Score	GE Area	Semester Units Applied Toward GE Requirements	Total Semester Units Awarded Toward Associate Degree
IB Biology HL	5	A	3	6
IB Chemistry HL	5	A	3	6
IB Economics HL	5	B2	3	6
IB Geography HL	5	B2	3	6
IB History (any region) HL	5	B2	3	6
IB Language A1 (English) HL[3]	4	D1	3	6
IB Language A2 (English) HL[3]	4	D1	3	6
IB Language A1 (any language except English) HL	4	C	3	6
IB Language A2 (any language except English) HL	4	C	3	6
IB Language A1 (any language) HL	4	C	3	6
IB Language A2 (any language) HL	4	C	3	6
IB Language B (any language) HL	4	C	3	6
IB Mathematics HL[4]	4	D2	3	6
IB Physics HL	5	A	3	6
IB Psychology HL	5	B2	3	3
IB Theatre HL	4	C	3	6

[1] A score of 50 on this exam satisfies the Math Competency Requirement.
[2] A score of 50 on this exam satisfies the American Institutions Requirement.
[3] A score of 4 on this exam satisfies the Reading & Written Expression Competency Requirement
[4] A score of 4 on this exam satisfies the Math Competency Requirement.

ASSOCIATE DEGREES FOR TRANSFERS

REQUIREMENTS FOR THE ASSOCIATE IN ARTS FOR TRANSFER DEGREE (AA-T) OR ASSOCIATE IN SCIENCE FOR TRANSFER DEGREE (AS-T)

The Student Transfer Achievement Reform Act (Senate Bill 1440, now codified in California Education Code sections 66746-66749) guarantees admission to a California State University (CSU) campus for any community college student who completes an "associate degree for transfer," a newly established variation of the associate degrees traditionally offered at a California community college. The Associate in Arts for Transfer Degree (AA-T) or the Associate in Science for Transfer Degree (AS-T) is intended for students who plan to complete a bachelor's degree in a similar major at a CSU campus. Students completing these degrees (AA-T or AS-T) are guaranteed admission to the CSU system, but not to a particular campus or major. In order to earn one of these degrees, students must complete a minimum of 60 required semester units of CSU-transferable coursework with a minimum GPA of 2.0. Students transferring to a CSU campus that does accept the AA-T or AS-T will be required to complete no more than 60 units after transfer to earn a bachelor's degree (unless the major is a designated "high-unit" major). This degree may not be the best option for students intending to transfer to a particular CSU campus or to a university or college that is not part of the CSU system. Students should consult with a counselor when planning to complete the degree for more information on university admission and transfer requirements.

At the time of catalog publication, a student may earn a transfer degree in **twenty-six majors**. Additional majors are under development. For more information, please see a counselor.

REQUIREMENTS:

The following is required for all AA-T or AS-T degrees:

1. **UNIT REQUIREMENT:** 60 CSU-transferable semester units.
2. **SCHOLARSHIP REQUIREMENT**: Minimum grade point average (GPA) of at least 2.0 in all CSU-transferable coursework. While a minimum of 2.0 is required for admission, some majors may require a higher GPA. Please consult with a counselor for more information. Exceptions to residence requirements for the associate degree may be made by the governing board when it determines that an injustice or undue hardship would be placed on the student.
3. **RESIDENCE REQUIREMENT:** Completion of at least 12 units of credit in residence, and attendance at the college during the semester in which the requirements are completed.
4. **MAJOR REQUIREMENT:** Completion of a minimum of 18 semester units in an "AA-T" or "AS-T" major as detailed in the program section of the catalog (pages 46-54). All courses in the major must be completed with a grade of C or better or a "P" if the course is taken on a "pass-no pass" basis (title 5 § 55063).
5. **GENERAL EDUCATION REQUIREMENTS:** Certified completion of the California State University General Education-Breadth pattern (CSU GE-Breadth) (see pages 32-34 for more information); OR the Intersegmental General Education Transfer Curriculum (IGETC for CSU) pattern (see pages 27-29 for more information).

LAVC'S APPROVED C-ID DESCRIPTORS

C-ID	LAVC Courses	C-ID	LAVC Courses	C-ID	LAVC Courses	C-ID	LAVC Courses	C-ID	LAVC Courses
ACCT 110	ACCTG 001, 002	CHEM 120S	CHEM 101, 102	GEOG 111	GEOG 015	MATH 240	MATH 275	POLS 140	POL SCI 007
ACCT 120	ACCTG 001, 002	COMM 110	COMM 101	GEOG 115	GEOG 017	MATH 250	MATH 270	PSY 110	PSYCH 001
AJ 110	ADM JUS 001	COMM 120	COMM 104	GEOG 120	GEOG 002	MATH 851	MATH 240	PSY 150	PSYCH 002
AJ 120	ADM JUS 002	COMM 130	COMM 121	GEOG 130	GEOG 003	MATH 955	MATH 259	PSY 200	PSYCH 074
AJ 122	ADM JUS 004	COMM 140	COMM 151	GEOG 140	GEOG 014	MUS 100	MUSIC 111	SOCI 110	SOC 001
AJ 124	ADM JUS 003	COMM 150	COMM 122	GEOL 100	GEOLOGY 001	MUS 110	MUSIC 200	SOCI 115	SOC 002
AJ 140	ADM JUS 005	COMM 160B	COMM 106	GEOL 100L	GEOLOGY 006	MUS 130	MUSIC 201	SOCI 120	SOC 004
AJ 200	ADM JUS 075	COMM 170	COMM 130	GEOL 110	GEOLOGY 002	MUS 135	MUSIC 211	SOCI 125	STAT 101
AJ 220	ADM JUS 008	ECE 120	CH DEV 002	GEOL 110L	GEOLOGY 007	MUS 140	MUSIC 202	SOCI 130	SOC 012
ANTH 110	ANTHRO 101	ECE 130	CH DEV 007	GEOL 120L	GEOLOGY 006	MUS 145	MUSIC 212	SOCI 140	SOC 031
ANTH 120	ANTHRO 102	ECE 200	CH DEV 034	HIST 130	HISTORY 011	MUS 150	MUSIC 203	SOCI 150	SOC 011
ANTH 130	ANTHRO 104	ECE 210	CH DEV 022	HIST 140	HISTORY 012	MUS 155	MUSIC 213	SOCI 160	SOC 003
ANTH 150	ANTHRO 103	ECE 220	CH DEV 010	HIST 150	HISTORY 086	MUS 160	MUSIC 181, 182, 183	SPAN 100	SPANISH 001
ARTH 100	ART 103	ECE 230	CH DEV 042	HIST 170	HISTORY 001		184	SPAN 110	SPANISH 002
ARTH 110	ART 101	ECON 201	ECON 001	HIST 180	HISTORY 002	MUS 180	MUSIC 501, 531, 563,	SPAN 200	SPANISH 003
ARTH 120	ART 102	ECON 202	ECON 002	JOUR 100	JOURNAL 105		721, 751, or 771	SPAN 210	SPANISH 004
ARTH 130	ART 105	EDUC 200	EDUC 203	JOUR 110	JOURNAL 101	PHIL 100	PHILOS 001	SPAN 220	SPANISH 036
ARTS 100	ART 501	ENGL 100	ENGLISH 101	JOUR 130	JOURNAL 218-1	PHIL 120	PHILOS 020	SPAN 230	SPANISH 037
ARTS 101	ART 502	ENGL 105	ENGLISH 103	JOUR 131	JOURNAL 218-2	PHIL 130	PHILOS 012	THTR 111	THEATER 100
ARTS 110	ART 201	ENGL 120	ENGLISH 102	JOUR 150	JOURNAL 043	PHIL 140	PHILOS 014	THTR 113	THEATER 110
ARTS 200	ART 204	ENGL 130	ENGLISH 207	KIN 100	KIN MAJ100	PHIL 210	PHILOS 009	THTR 114	THEATER 114
ARTS 210	ART 300	ENGL 135	ENGLISH 208	MATH 110	MATH 227 Or STAT 101	PHYS 105	PHYSICS 006 or 066	THTR 151	THEATER 270
ARTS 270	ART 213	ENGL 140	ENGLISH 203	MATH 120	MATH 215	PHYS 110	PHYSICS 007 or 067	THTR 152	THEATER 272
BIOL 110B	ANATOMY 001	ENGL 145	ENGLISH 204	MATH 140	MATH 238	PHYS 205	PHYSICS 037	THTR 171	THEATER 301
BIOL 120B	PHYSIOL 001	ENGL 160	ENGLISH 205	MATH 150	MATH 245	PHYS 210	PHYSICS 038	THTR 173	THEATER 310
BIOL 135S	BIOLOGY006,007	ENGL 165	ENGLISH 206	MATH 155	MATH 260	PHYS 215	PHYSICS 039	THTR 174	THEATER 411
BUS 110	BUS 001	ENGL 200	ENGLISH 127	MATH 211	MATH 261	POLS 110	POL SCI 001	THTR 175	THEATER 450
BUS 125	LAW 001	FTVE 130	BRDCSTG 047	MATH 221	MATH 262	POLS 120	POL SCI 005	THTR 191	THEATER 291, 292
CDEV 100	CH DEV 001	GEOG 110	GEOG 001	MATH 230	MATH 263	POLS 130	POL SCI 002		or 293
CDEV 110	CH DEV 011							THTR 192	THEATER 342

AS-T IN ADMINISTRATION OF JUSTICE

(Program Code 210500, State Code 33386)

The AS-T in Administration of Justice provides service students with the principles and practices of criminal justice systems in America. The degree provides preparation for employment within a related agency and/or transfer to a CSU or college. Students completing the degree will have completed the Program Goals and will have satisfied the lower-division major preparation at most CSUs in Criminal Justice, Criminology, and Administration of Justice. Students will be better suited for entry-level and advanced positions in the fields of Law Enforcement, Correctional Science or Homeland Security. The criminal justice system is a diversified occupational area with employment opportunities at the federal, state and county levels (FBI, Homeland Security, California Highway Patrol, police departments, sheriff's departments, federal and state departments of corrections, and probation and parole agencies).

COMPLETE THE FOLLOWING 2 REQUIRED COURSES:

ADM JUS 001	Introduction to Administration of Justice	3
ADM JUS 002	Concepts of Criminal Law	3

LIST A: SELECT 2 COURSES

ADM JUS 003	Legal Aspects of Evidence	(3)
ADM JUS 004	Principles and Procedures of the Justice System	(3)
ADM JUS 005	Criminal Investigation	(3)
ADM JUS 008	Juvenile Procedures	(3)
ADM JUS 075	Introduction to Corrections	(3)

LIST B: SELECT 2 COURSES:

ADM JUS 006	Patrol Procedures	(3)
ADM JUS 039	Probation and Parole	(3)
ADM JUS 049	Narcotics and Vice Control	(3)

Any course from List A not already used.

Total: 18

AA-T IN ANTHROPOLOGY

(Program Code 220200, State Code 32410)

Anthropology is the scientific study of humankind from the broadest possible perspectives - exploring human biological and cultural differences and similarities across the world and through time. Students will be able to analyze the patterns underlying diverse anatomy, behaviors, beliefs, attitudes and identities using the concepts of cultural relativism and evolutionary theory. Anthropology majors learn to evaluate their place in an ever-changing global society.

COMPLETE THE FOLLOWING 5 REQUIRED COURSES:

ANTHRO 101	Human Biological Evolution	3
ANTHRO 102	Human Ways of Life: Cultural Anthropology	3
ANTHRO 103	Archaeology: Reconstructing the Human Past	3
ANTHRO 104	Human Language and Communication	3
ANTHRO 111*	Laboratory in Human Biological Evolution	1

LIST A: SELECT 1 COURSE:

MATH 227*	Statistics	(4)
STAT 101*	Statistics for the Social Sciences	(4)

LIST B: SELECT 1 COURSE

ANTHRO 116	Primate Lives: Behavior, Evolution, and Culture	(3)
ANTHRO 121	Anthropology of Religion, Magic and Witchcraft	(3)

Total: 20

AA-T IN ART HISTORY

(Program Code 100100, State Code 32117)

Art History is the study of the history of how and why human beings make art. Students who study Art History examine the sociological, cultural, and aesthetic contexts of art, and explore basic art historical concepts and terminology appropriate to each Art History course. Art historical methodology is discussed, so that students understand the nature of the discipline, what sources scholars use to construct their theories, how the discipline has changed over time, and reception theory.

COMPLETE THE FOLLOWING 3 REQUIRED COURSES:

ART 101	Survey of Art History I	3
ART 102	Survey of Art History II	3
ART 201	Drawing I	3

LIST A: SELECT 1 COURSE:

ART 105	History of Asian Art	(3)
ART 109	The Arts of Africa, Oceania, and Ancient America	(3)

LIST B: SELECT 1 COURSE:

ART 204*	Life Drawing I	(3)
ART 300	Introduction to Painting	(3)
ART 304	Acrylic Painting I	(3)
ART 501	Beginning Two-Dimensional Design	(3)
ART 502	Beginning Three-Dimensional Design	(3)
ART 604*	Graphic Design I	(3)
ART 700	Introduction to Sculpture	(3)
ART 701*	Sculpture I	(3)
ART 708	Introduction to Ceramics	(3)
ART 709*	Ceramics I	(3)

LIST C: SELECT 1 COURSE:

ART 111	History of Contemporary Art	(3)
ART 115	History of Modern Art	(3)
ART 116	History of Women and Art	(3)
ART 125	History of Photography I	(3)

Total: 18

AS-T IN BIOLOGY

(Program Code 040100, State Code 35395)

Biology is the scientific study of life. Biology examines the basic cellular biology, metabolism, genetics, molecular biology, and the relationship between form and function of living organisms. Biology explores the unifying principles of biology through the study of phylogeny, taxonomy, organismal structure/function, evolution, and ecology. The goal of The Associate in Science in Biology for Transfer Degree is designed to prepare students for a seamless transfer into the CSU system to complete a baccalaureate degree in Biology or similar major.

COMPLETE THE FOLLOWING 5 REQUIRED COURSES:

BIOLOGY 006*	General Biology I	5
BIOLOGY 007*	General Biology II	5
CHEM 101*	General Chemistry I	5
CHEM 102 *	General Chemistry II	5
MATH 261*	Calculus I	5

AND 1 OF THE FOLLOWING PHYSICS SEQUENCES:

PHYSICS 066*	Physics with Calculus for Life Science Majors I	(5)
PHYSICS 067*	Physics with Calculus for Life Science Majors II	(5)
	Or	
PHYSICS 006*	General Physics I	(4)
PHYSICS 007*	General Physics II	(4)
	Or	
PHYSICS 037*	Physics for Engineer and Scientists I	(5)
PHYSICS 038*	Physics for Engineer and Scientists II	(5)

Total: 33-35 units

*# Cross-listed course. * This course has a prerequisite or corequisite.*

AS-T IN BUSINESS ADMINISTRATION

(Program Code 050500, State Code 35427)

Business Administration is a broad field with many disciplines including, administration, accounting, entrepreneurship and small business, finance, law, international trade, management, marketing, operations, information systems, and real estate. This degree is designed to provide students with the core of lower-division courses required to transfer to a California State University and pursue a bachelor's degree in business administration in the discipline(s) of their choice. Emphasis is on accounting, the business environment and functions, economics, law, mathematics, and quantitative analysis. For a complete listing of CSUs that accept this degree as meeting lower-division major preparation, please go to the Counseling Department. In addition to the 29-30 units required for the major, students must complete 37 units of general education following the IGETC Plan or 39 units of general education following the CSU GE-Breadth for a maximum total of 60 units with a minimum GPA of 2.0.

Students completing the Associate in Science in Business Administration for Transfer Degree will have satisfied the lower-division major preparation at most CSUs in Business Administration.

COMPLETE THE FOLLOWING 5 REQUIRED COURSES:

ACCTG 001	Introductory Accounting I	5
ACCTG 002*	Introductory Accounting II	5
ECON 001*	Principles of Economics I	3
ECON 002*	Principles of Economics II	3
LAW 001	Business Law I	3

LIST A: SELECT 1 COURSE FROM THE FOLLOWING:

MATH 238*	Calculus for Business and Social Science I	(5)
MATH 227*	Statistics	(4)

LIST B: SELECT 2 COURSES FROM THE FOLLOWING:

CAOT 082	Microcomputer Software Survey in the Office	(3)
	Or	
CIS 104	Microcomputer Application Software	(3)
	Or	
CIS 101	Introduction to Computers and their Uses	(3)
BUS 001	Introduction to Business	(3)

Any course not used in List A.

Total: 29-30

AA-T IN COMMUNICATION STUDIES

(Program Code 150601, State Code 30699)

Communication Studies is the study of how human beings communicate. People who study Communication are interested in learning how the communication process works and desire to improve and adapt their communication for intended recipients. Courses in the Communication degree examine the importance of effective communication in public, groups, cultures, interpersonal settings, and literature. In addition, we explore the nature of argumentation and the ability to critically evaluate messages as both the sender and receiver. Students completing this degree will have satisfied the lower-division major preparation at CSUN for the Communications Studies major and at CSULA for the Communications major.

COMPLETE THE FOLLOWING 1 REQUIRED COURSE:

COMM 101	Public Speaking	3

LIST A: SELECT 2 COURSES

COMM 104	Argumentation and Debate	(3)
COMM 121	Interpersonal Communication	(3)
COMM 151	Small Group Communication	(3)

LIST B: SELECT 2 COURSES

COMM 122	Intercultural Communication	(3)
COMM 130	Introduction to Oral Interpretation of Literature	(3)

Any course not used in List A

LIST C: SELECT 1 COURSE

COMM 102	Oral Communication II	(3)
COMM 105*	Critical Thinking	(3)
COMM 106	Forensics (limited to 3 units)	(2)
ENGLISH 103*	Composition and Critical Thinking	(3)

Any course not used in List A or List B.

Total: 18

*# Cross-listed course. * This course has a prerequisite or corequisite.*

AS-T IN EARLY CHILDHOOD EDUCATION

(Program Code 130509, State Code 32741)

Students completing the Associate in Science in Early Childhood Education for Transfer Degree will have satisfied the lower-division major preparation at most CSUs in Child Development, Early Childhood Education, Human Development, or related major with a junior status. The AS-T in Early Childhood Education provides the students with the knowledge and experiences necessary to work as a teacher in a variety of early childhood settings. Students will be able to develop, implement and evaluate developmentally appropriate early childhood curriculum (0 to 8 years old) in an early childhood classroom. Students will be able to apply effective guidance strategies and teaching skills in the early childhood classroom (0 to 8 years old) that fosters young children's emotional, cognitive and physical development. Students will identify and apply professional behaviors and ethical standards when working with children, families, staff, colleagues and communities. Students will analyze strategies that promote and support collaboration between programs, families and communities.

COMPLETE THE FOLLOWING 8 REQUIRED COURSES:

CH DEV 001*	Child Growth and Development	3
CH DEV 002	Early Childhood: Principles and Practices	3
CH DEV 007	Introduction to Curriculum in Early Childhood Education	3
CH DEV 010	Health, Safety and Nutrition	3
CH DEV 011	Child, Family and Community	3
CH DEV 022*	Practicum in Child Development I	4
CH DEV 034*	Observing and Recording Children's Behavior	3
CH DEV 042	Teaching in a Diverse Society	3

Total: 25

AA-T IN ECONOMICS

(Program Code 220400, State Code 35526)

Economics is a social science concerned with how individuals, institutions and society make optimal choices under conditions of scarcity. Scarcity restricts options and demands choices. Because we "can't have it all," we must decide what we will have and what we must forgo. Since rational economic decisions have to be made at every level, economics applies to individuals, groups, families, markets, and the entire economy. It teaches one to analyze given situations critically making use of available data under the conditions of uncertainty. The Associate in Arts in Economics for Transfer Degree is designed to prepare students for a seamless transfer into the CSU system to complete a baccalaureate degree in Economics or similar major.

COMPLETE THE FOLLOWING 4 REQUIRED COURSES:

ECON 001*	Principles of Economics I	3
ECON 002*	Principles of Economics II	3
MATH 227*	Statistics	4
MATH 238*	Calculus for Business and Social Science I	(5)
	OR	
MATH 261*	Calculus I	(5)

LIST A: SELECT 1 COURSE

ACCTG 001	Introductory Accounting I	(5)
ACCTG 002*	Introductory Accounting II	(5)
BUS 032*	Business Communications	(3)
CAOT 032	Business Communications	(3)
MATH 262*	Calculus II	(5)

LIST B: SELECT 1 COURSE

ECON 010	Economic History of the United States	(3)
ECON 030	Comparative Economic Systems	(3)
ECON 040	History of Economic Thought	(3)
ECON 050	Principles of Financial Economics	(3)
ECON 060	Economics and the Environment	(3)

Total: 21 - 23

*# Cross-listed course. * This course has a prerequisite or corequisite.*



AA-T IN ELEMENTARY TEACHER EDUCATION

(Program Code 490120, State Code 33593)

This degree is designed to provide a broad introduction to the humanities, social and natural sciences, and arts for students interested in a liberal arts education or becoming elementary school teachers. Students will examine the human condition from a variety of academic perspectives and use this interdisciplinary approach to understand historical and contemporary issues. Critical thinking, speaking, and writing skills are emphasized. Many of the required courses overlap with those in the CSU GE Plan or IGETC Plan and additional requirements for the Elementary Teacher Education major vary at each CSU campus. It is highly recommended that students consult with a counselor to discuss their options and choices.

Students completing the Associate in Arts in Elementary Teacher Education for Transfer Degree will have satisfied the lower-division major preparation at most CSUs in Liberal Studies or Integrated Teacher Education. Due to considerable overlap between the major requirements and general education requirements of the CSU GE Plan or IGETC Plan, students will complete 51 units required for this Associate Degree for Transfer, any remaining requirements needed to satisfy the 37-39 units of general education of the CSU GE-Breadth Plan or IGETC Plan, and 2-3 units of CSU or UC transferable electives for a total of 60 units with a minimum GPA of 2.0. Students must earn a C or better in all courses required for the major.

COMPLETE THE FOLLOWING 15 REQUIRED COURSES:

BIOLOGY 003	Introduction to Biology	4
CH DEV 001*	Child Growth and Development	3
COMM 101	Public Speaking	3
EDUC 203	Education in American Society	3
ENGLISH 101*	College Reading and Composition I	3
ENGLISH 102*	College Reading and Composition II	3
GEOG 002	Cultural Elements of Geography	3
GEOLOGY 001	Physical Geology	3
GEOLOGY 006*	Physical Geology Laboratory	1
HISTORY 011	Political and Social History of the United States to 1877	3
HISTORY 086	Introduction to World Civilization I	3
MATH 215*	Principles of Mathematics	3
PHYS SC 001	Physical Science I	3
PHYS SC 014*	Physical Science Laboratory	1
POL SCI 001	The Government of the United States	3

LIST A: SELECT 1 COURSE

COMM 105*	Critical Thinking	(3)
ENGLISH 103*	Composition and Critical Thinking	(3)

LIST B: SELECT 1 COURSE

ART 101	Survey of Art History I	(3)
ART 102	Survey of Art History II	(3)
ART 103	Art Appreciation I	(3)
MUSIC 111	Music Appreciation I	(3)
THEATER 100	Introduction to the Theater	(3)

LIST C: SELECT 1 COURSE

AFRO AM 020	African-American Literature I	(3)
CHICANO 042	Contemporary Mexican Literature	(3)
ENGLISH 105	Introduction to Language and Linguistics	(3)
LING 001	Introduction to Language and Linguistics	(3)
PHILOS 020	Ethics	(3)
SPANISH 012#	Survey of Mexican Literature	(3)

Total: 51

AA-T IN ENGLISH

(Program Code 150100, State Code 32368)

The study of English Language and Literature is excellent preparation for continuing study in any discipline, but especially the Arts and Humanities, Law and Politics, History, and the Social Sciences. Lower-level English courses offer students the opportunity of enrich their life with excellent language, critical thinking, and communication skills. Advanced English courses offer students a broad view of World Culture's rich history of ideas, social customs, and aesthetics.

COMPLETE THE FOLLOWING 2 REQUIRED COURSES:

ENGLISH 102*	College Reading and Composition II	3
ENGLISH 103*	Composition and Critical Thinking	3

LIST A: SELECT 2 COURSES:

ENGLISH 203*	World Literature I	(3)
ENGLISH 204*	World Literature II	(3)
ENGLISH 205*	English Literature I	(3)
ENGLISH 206*	English Literature II	(3)
ENGLISH 207*	American Literature I	(3)
ENGLISH 208*	American Literature II	(3)

LIST B: SELECT 1 COURSE:

ENGLISH 127*	Creative Writing	(3)

Or any course from List A not already used.

LIST C: SELECT 1 COURSE:

ENGLISH 124*	Short Story Writing I	(3)
ENGLISH 253*	Opera as Literature	(3)

Or any course from list A or B not already used.

Total: 18

AS-T IN FILM, TELEVISION, AND ELECTRONIC MEDIA

(Program Code 060420, State Code 33629)

The successful completion of the Film, Television, and Electronic Media degree will give students the training and education needed for employment in the entertainment industry as well as transfer to a university. Depending on the track taken, students will learn theories, methods, and concepts for various paths in the entertainment field from film and television to broadcast and internet radio. Students will participate in hands-on work utilizing professional, state-of-the-art, on-campus laboratories. *Additional degrees are available. Please see the Broadcasting, Cinema, and Media Arts sections of the catalog for more information.*

REQUIRED CORE: SELECT 2 COURSES TOTAL. EACH COURSE MUST BE FROM A DIFFERENT PAIR BELOW:

CORE PAIR 1:

BRDCSTG 001	Fundamentals of Television and Radio Broadcasting	(3)
MEDIART 100	The Entertainment Industry: Breaking In	(3)

CORE PAIR 2:

BRDCSTG 026	TV-Film Aesthetics	(3)
CINEMA 107	Understanding Motion Pictures	(3)

CORE PAIR 3:

BRDCSTG 025	Radio/TV/Film Writing	(3)
MEDIART 116	Introduction to Screenwriting	(3)

AS-T in FTEM, *Continued on Next Page*

*# Cross-listed course. * This course has a prerequisite or corequisite.*

LIST A: COMPLETE 1 COURSE FROM EACH AREA

LIST A, AREA 1: SELECT 1 COURSE FROM THE FOLLOWING:

BRDCSTG 010	Radio Programming and Production	(3)
BRDCSTG 011	Digital Audio Editing and Production	(3)
CINEMA 110*	Motion Picture Sound	(3)
MEDIART 110*	Digital Film Sound	(3)

LIST A, AREA 2: SELECT 1 COURSE FROM THE FOLLOWING:

BRDCSTG 046	Fundamentals of Television Production	(4)
BRDCSTG 047	Single Camera Production	(4)
CINEMA 101*	Beginning Film Production	(3)
MEDIART 101*	Introduction to Digital Film Production	(3)

LIST B: SELECT 1 COURSE
or any course not already used above

CINEMA 105	History of Motion Pictures	(3)
CINEMA 125*	Film Production Workshop	(3)

LIST C: SELECT 1 COURSE
or any course not already used above

BRDCSTG 003	Voice and Diction for Radio and Television	(3)
BRDCSTG 005	Radio and Television Acting	(3)
BRDCSTG 006	Digital & Social Media Broadcast Communication	(3)
BRDCSTG 017	Introduction to Voice-Over	(3)
BRDCSTG 021	Advertising, Marketing, and Promotions for Broadcasting	(3)
BRDCSTG 023	News, Sports, and Live Remote Broadcasting for Radio & Television	(3)
BRDCSTG 024	Podcasting Production for Radio & The Internet	(3)
BRDCSTG 028	Television Announcing I	(3)
BRDCSTG 032	Television History and Culture	(3)
BRDCSTG 049	Digital Documentary Broadcasting Production	(4)
BRDCSTG 051	Digital Non-Fiction /Reality Production for Broadcasting	(4)
BRDCSTG 083*	Field Work III - Broadcasting	(3)
CINEMA 102	Film Genres	(3)
CINEMA 103	Diversity in Cinema	(3)
CINEMA 104	History of Documentary Film	(3)
CINEMA 106	The Art of Animation and Effects	(3)
CINEMA 111	Developing Content for Movies	(3)
CINEMA 113	History of Animation	(3)
CINEMA 114	Master Filmmakers	(3)
CINEMA 115*	Cinematography	(3)
CINEMA 120*	Film Editing	(3)
CINEMA 150*	Cinema Internship	(3)
MEDIART 103*	Digital Imaging and Motion Graphics for Film and Television	(3)
MEDIART 104	Photoshop for Motion Pictures and Television	(3)
MEDIART 105*	Visual Effects and Color Grading	(3)
MEDIART 113	Low Budget Producing	(3)
MEDIART 115*	Digital Cinematography	(3)
MEDIART 118*	Directing	(3)
MEDIART 120*	Digital Film Editing	(3)
MEDIART 129	Mythology, Spirituality and the Art of Story	(3)
MEDIART 130*	Advanced Screenwriting	(3)
MEDIART 131*	Advanced Episodic Writing	(3)

Total: 18-21

AA-T IN GEOGRAPHY

(Program Code 220600, State Code 32850)

Geography is a spatial science that deals with the impacts of humans on the natural environment and the location and patterns of physical features and processes, climate and biogeographical regions, geomorphology, human settlements, land use and resources. Geography explores the distribution of natural and human phenomena including economics, political regions, cultural landscapes, urbanization and other global processes. Majors in Geography acquire a global, spatial perspective that provides a foundation for a deeper understanding of the development of human society and the planet we call home.

Students completing the Associate in Arts in Geography for Transfer Degree will have satisfied the lower-division major preparation at most CSUs in Geography.

COMPLETE THE FOLLOWING 4-5 REQUIRED COURSES:

GEOG 002	Cultural Elements of Geography	3
GEOG 001	Physical Geography	(3)
GEOG 015*	Physical Geography Laboratory	(2)
	OR	
GEOG 017	Physical Geography and Laboratory	(5)
GEOG 003	Introduction to Weather and Climate	3
GEOG 014	Geography of California	3

LIST A: SELECT 2 COURSES:

GEOG 009	People and the Earth's Ecosystem	(3)
GEOG 030	Managing Natural Resources	(3)
GEOG 045	Food and Culture	(3)
GEOLOGY 001	Physical Geology	(3)

Total: 20

AS-T IN GEOLOGY

(Program Code: 191400, State Code: 36004)

Students receive an introduction to the geological history of Earth and its inhabitants, with emphasis on the evolution of life and landforms of North America. Topics include how Earth processes produce and alter landforms; climate, and energy and water resources on which humans depend; significant tectonic events such as mountain-building episodes; and the evolutionary history of life on Earth, including plants, fish, dinosaurs, mammals, and humans. Multimedia presentations are used throughout the course. Field trips will be taken.

In addition to the 30 units required for the major, students must complete 37 units of general education following the IGETC for CSU Plan for a maximum total of 60 units. Students completing the Associate in Science in Geology for Transfer Degree will have satisfied the lower-division major preparation at most CSUs in Geology and be prepared for a seamless transfer to a CSU.

COMPLETE THE FOLLOWING 8 REQUIRED COURSES:

GEOLOGY 001	Physical Geology	3
GEOLOGY 006*	Physical Geology Laboratory	1
GEOLOGY 002	Earth History	3
GEOLOGY 007*	Earth History Laboratory	1
CHEM 101*	General Chemistry I	5
CHEM 102*	General Chemistry II	5
MATH 261*	Calculus I	5
MATH 262*	Calculus II	5

Total: 28

*# Cross-listed course. * This course has a prerequisite or corequisite.*

AA-T IN HISTORY

(Program Code 220500, State Code 32849)

Students completing an AA-T degree in History will gain skills that will allow them to analyze the impact of historical events on contemporary society, compare and contrast the significance and impact of historical events, and critically analyze the process of historiography (the writing of history). The Associate in Arts in History for Transfer Degree is designed for students who wish to transfer to a baccalaureate program in History at a four-year institution.

Students completing the Associate in Arts in History for Transfer Degree will have satisfied the lower-division major preparation at most CSUs in History.

COMPLETE THE FOLLOWING 4 REQUIRED COURSES:

HISTORY 011	Political and Social History of the United States to 1877	3
HISTORY 012	Political and Social History of the United States from 1865	3
HISTORY 001	Introduction to Western Civilization I	3
HISTORY 002	Introduction to Western Civilization II	3

LIST A: COMPLETE 1 COURSE FROM EACH AREA

AREA 1:

HISTORY 007	The World's Great Religions	(3)
HISTORY 086	Introduction to World Civilization I	(3)

AREA 2:

HISTORY 005	History of the Americas I	(3)
HISTORY 006	History of the Americas II	(3)
HISTORY 020	History of California and the Pacific Coast	(3)

Total: 18

AA-T IN JOURNALISM

(Program Code 060200, State Code 33572)

The mission of the Journalism Program is to instill an appreciation of the mass media, including free speech/free press provisions of the First Amendment, both as consumers and as potential practitioners. Students will demonstrate a wide breadth and depth of understanding of mass media theories, methods and concepts. This mission includes training students as future practitioners, using hands-on laboratories, producing various stories for publication and conducting interviews. We also promote an understanding of ethical and legal implications of media and the importance of cultural and intellectual diversity, civic engagement and social responsibility in preparing students for careers in journalism. The goals and objectives of the Valley College Journalism Program include the preparation of majors for an Associate in Arts in Journalism for Transfer Degree. Students completing the Associate in Arts in Journalism for Transfer Degree will have satisfied the lower-division major preparation at most CSUs in Journalism, Mass Communications, Public Relations and Advertising.

COMPLETE THE FOLLOWING 5 REQUIRED COURSES:

JOURNAL 101	Collecting and Writing the News	3
JOURNAL 105	Mass Communications	3
JOURNAL 202*	Advanced Newswriting	3
JOURNAL 218-1*	Practical Editing I	3
PHOTO 101	Beginning Digital Photography	3

LIST A: SELECT 1 COURSE

JOURNAL 043	Public Relations Techniques	(3)
JOURNAL 218-2*	Practical Editing II	(3)

Total: 18

AA-T IN KINESIOLOGY

(Program Code: 127000, State Code: 32854)

Kinesiology is the study of the art and science of human movement throughout our lifespan. Students will be introduced to the evidence-based research supporting the wellness effects of exercise in our communities, schools, work place and clinical settings. Kinesiology provides areas of study in teaching (pedagogy), coaching, group fitness, personal training, health/fitness promotion, exercise physiology, biomechanics, motor learning and development, athletic training, sports management, dance, adapted physical education, sports psychology, sports nutrition, exercise equipment design/testing, wellness coaching, cardiac rehabilitation, gerokinesiology, as well as pre-professional training for physical therapy, medicine and research.

Students completing the Associate in Arts in Kinesiology for Transfer Degree will have satisfied the lower-division major preparation at most CSUs in Kinesiology.

COMPLETE THE FOLLOWING 3 REQUIRED COURSES:

ANATOMY 001*	Introduction to Human Anatomy	4
KIN MAJ 100	Introduction to Kinesiology	3
PHYSIOL 001*	Introduction to Human Physiology	4

MOVEMENT-BASED COURSES: SELECT 1 COURSE FROM THREE OF THE FOLLOWING ACTIVITY AREAS FOR A TOTAL OF 3 UNITS:

Aquatics:

KIN 301-1	Swimming Skills I	(1)
KIN 303-1	Aqua Aerobics I	(1)

Combatives:

KIN 315-1	Judo I	(1)

Dance:

DNCESPC 171	Hip-Hop Dance Techniques I	(1)
DANCETQ 111	Ballet Techniques I	(1)
DANCETQ 121	Jazz Dance Techniques I	(1)
DANCETQ 141	Modern Dance Techniques I	(1)

Fitness:

DANCETQ 221	Yoga Skills I	(1)
KIN 251	Yoga Skills	(1)
KIN 350-1	Weight Training I	(1)

Individual Sports:

KIN 364-1	Archery I	(1)
KIN 371-1	Tennis I	(1)

Team Sports:

KIN 287-1	Basketball Skills I	(1)
KIN 387-1	Basketball I	(1)
KIN 389-1	Soccer I	(1)
KIN 391-1	Volleyball I	(1)

LIST A: SELECT 2 COURSES FROM THE FOLLOWING:

BIOLOGY 003	Introduction to Biology	(4)
CHEM 051*	Fundamentals of Chemistry I	(5)
KIN MAJ 101	First Aid & CPR	(3)
MATH 227*	Statistics	(4)
	OR	
STAT 101*	Statistics for the Social Sciences	(4)
PHYSICS 006*	General Physics I	(4)

Total: 21-23

*# Cross-listed course. * This course has a prerequisite or corequisite.*

AS-T IN MATHEMATICS

(Program Code 170100, State Code 31036)

This degree is designed for students who wish to transfer to a California State University to complete a bachelor's degree in mathematics. For a complete listing of CSUs that accept this degree as meeting lower-division major preparation, please go to the Counseling Department. In addition to the 23 units required for the major, students must complete 37-39 units of general education following either the CSU GE-Breadth Plan or IGETC Plan, and CSU transferable electives for a maximum total of 60 units with a minimum GPA of 2.0. Students planning to transfer to CSU Northridge are advised to take Physics 37.

COMPLETE THE FOLLOWING 3 REQUIRED COURSES:

MATH 261*	Calculus I	5
MATH 262*	Calculus II	5
MATH 263*	Calculus III	5

LIST A: SELECT 1 COURSE:

MATH 270*	Linear Algebra	(3)
MATH 275*	Ordinary Differential Equations	(3)

LIST B: SELECT 1 COURSE:

CS 101	Introduction to Computer Science	(3)
PHYSICS 037*	Physics for Engineers and Scientists I	(5)

Note: Students planning to transfer to CSU Northridge are advised to take PHYSICS 037.

Total: 21-23

AA-T IN MUSIC

(Program Code 100400, State Code 33615)

Through focused study, students will develop their performance skills, as well as compose and critically analyze music, with particular regard given to the stylistic nuances of tonal theory through 20th-century trends. Acquisition of computer notational skills assists students in generating scores and parts for required compositions. Students develop essential ear training skills through the dictation of rhythmic, melodic and harmonic passages. A repertoire of exercises for improving technique will prepare students for leadership roles in chamber and large ensembles. A minimum level (beginning intermediate) of keyboard proficiency skills is required of all majors before matriculation. In addition to the 22-23 units required for the major, students must complete 37 units of general education following the IGETC Plan for a maximum total of 60 units.

Students completing the Associate in Arts in Music for Transfer Degree will have satisfied the lower-division major preparation at most CSUs in Music.

COMPLETE THE FOLLOWING 11 REQUIRED COURSES:

MUSIC 181**	Applied Music I	0.5
MUSIC 182*	Applied Music II	0.5
MUSIC 183*	Applied Music III	0.5
MUSIC 184*	Applied Music IV	0.5
MUSIC 200	Introduction to Music Theory	4
MUSIC 201*	Harmony I	3
MUSIC 202*	Harmony II	3
MUSIC 203*	Harmony III	3
MUSIC 211*	Musicianship I	1
MUSIC 212*	Musicianship II	1
MUSIC 213*	Musicianship III	1

COMPLETE FOUR SEMESTERS OF A COMBINATION OF THE FOLLOWING: (4-5 UNITS)
(Note: Music 563 may be taken a maximum of 2 times to meet these requirements.)

MUSIC 501**	College Choir	(1)
MUSIC 531**	Philharmonic Choir	(1)
MUSIC 563**	Chamber Singers	(1.5)
MUSIC 721**	Orchestra	(1)
MUSIC 751**	Wind Ensemble	(1)
MUSIC 771**	Guitar Ensemble	(1)

***A successful audition the first day of class is required for continued enrollment.*

Total: 22-23

AA-T IN PHILOSOPHY

(Program Code 150900, State Code 32379)

Philosophy is the critical investigation of the basic concepts that shape our lives. Students will be able to inquire into the basic nature of concepts like truth, justice, rightness, knowledge, beauty, and reality. In addition, philosophy students will apply their understanding of these basic concepts to the important decisions made by both individuals and societies. Because philosophy aims at clarity at the level of language and thought, it is applicable not only to the natural and social sciences, but also to the moral, practical and evaluative decisions we make on a daily basis.

COMPLETE THE FOLLOWING 2 REQUIRED COURSES:

PHILOS 009	Symbolic Logic I	3
PHILOS 001	Introduction to Philosophy	(3)
	OR	
PHILOS 020	Ethics	(3)

LIST A: SELECT 3 COURSES:

PHILOS 006	Logic in Practice	(3)
PHILOS 012	History of Greek Philosophy	(3)
PHILOS 014	History of Modern European Philosophy	(3)
PHILOS 030	Asian Philosophy	(3)

Any course not used from required courses.

LIST B:

PHILOS 035#	Judaism, Christianity and Islam	(3)

Any course not used in List A.

Total: 18



*# Cross-listed course. * This course has a prerequisite or corequisite.*

AS-T IN PHYSICS

(Program Code 190201, State Code 32740)

Students will learn about the major topics in classical physics—mechanics, electricity and magnetism, thermodynamics and wave theory. They will also be introduced to topics in modern physics--quantum theory, atomic structure and relativity theory. The calculus will be used to solve problems in these areas. This degree is designed for students who wish to transfer to a California State University to complete a bachelor's degree in physics. For a complete listing of CSUs that accept this degree as meeting lower-division major preparation, please go to the Counseling Department. In addition to the 30 units required for the major, students must complete 37 units of general education following the IGETC for CSU Plan for a maximum total of 60 units.

COMPLETE THE FOLLOWING 6 REQUIRED COURSES:

PHYSICS 037*	Physics for Engineers and Scientists I	5
PHYSICS 038*	Physics for Engineers and Scientists II	5
PHYSICS 039*	Physics for Engineers and Scientists III	5
MATH 261*	Calculus I	5
MATH 262*	Calculus II	5
MATH 263*	Calculus III	5

Total: 30

AA-T IN POLITICAL SCIENCE

(Program Code: 220700, State Code: 32851)

Political Science is the academic study of the state, government, and politics. The discipline deals with the theory and practice of politics, political systems, and political behavior. The Political Science AA-T helps prepare students for careers in fields such as law, education, journalism, and governmental service.

Students completing the Associate in Arts in Political Science for Transfer Degree will have satisfied the lower-division major preparation at most CSUs in Political Science.

COMPLETE THE FOLLOWING 6 REQUIRED COURSES:

POL SCI 001	The Government of the United States	3
POL SCI 002	Introduction to Comparative Politics	3
POL SCI 005	The History of Western Political Thought	3
POL SCI 007	Contemporary World Affairs	3
STAT 101*	Statistics for the Social Sciences	4
LAW 003	Civil Rights and the Law	3

Total: 19

AA-T IN PSYCHOLOGY

(Program Code 200100, State Code 33566)

Students completing an Associate in Arts in Psychology for Transfer Degree have the basis for further undergraduate education in Psychology. The study of Psychology provides a foundation for preparation in such diverse fields as social services, law, education, healthcare, government, and business. Upon completion of the Associate in Arts in Psychology for Transfer Degree, students will be able to evaluate behaviors and mental processes using psychological concepts and theories, distinguish various biological systems that are fundamental to behavior and experience, apply the logic of hypothesis testing in science to everyday life. Statistics for the social sciences (Stat 101) is encouraged and strongly recommended.

COMPLETE THE FOLLOWING 3 REQUIRED COURSES:

PSYCH 001	General Psychology I	3
PSYCH 002*	Biological Psychology	3
PSYCH 074*	Research Methods in the Behavioral Sciences	3

SELECT 1 COURSE:

MATH 227*	Statistics	(4)
STAT 101*	Statistics for the Social Sciences	(4)

LIST A: SELECT 1 COURSE:

PSYCH 011*	Child Psychology	(3)
PSYCH 013*	Social Psychology	(3)
PSYCH 041*	Life-Span Psychology: From Infancy to Old Age	(3)

LIST B: SELECT 1 COURSE:

PSYCH 003	Personality and Social Development	(3)
PSYCH 012*	Adolescent Psychology	(3)
PSYCH 014*	Abnormal Psychology	(3)
PSYCH 017*	The Exceptional Child	(3)
PSYCH 032	Psychology of Women	(3)
PSYCH 052	Psychological Aspects of Human Sexuality	(3)
PSYCH 060	Stress Management	(3)

Any course not used in List A.

Total: 19

AA-T IN SOCIOLOGY

(Program Code 220802, State Code 30799)

The Associate in Arts in Sociology for Transfer Degree is designed for students who wish to transfer to a California State University to complete a bachelor's degree in sociology. For a complete listing of CSUs that accept this degree as meeting lower-division major preparation, please go to the Counseling Department.

COMPLETE THE FOLLOWING 2 REQUIRED COURSES:

SOC 001	Introduction to Sociology	3
SOC 004*	Sociological Analysis	3

SELECT 1 COURSE:

MATH 227*	Statistics	(4)
STAT 101*	Statistics for the Social Sciences	(4)

LIST A: SELECT 2 COURSES:

SOC 002	American Social Problems	(3)
SOC 003	Crime and Delinquency	(3)
SOC 011	Race and Ethnic Relations	(3)
SOC 012	Marriage and Family Life	(3)
SOC 031	Sociology of Gender	(3)

LIST B: SELECT 1 COURSE:

PSYCH 013*	Social Psychology	(3)
SOC 021	Human Sexuality	(3)
SOC 025	Drugs and Culture	(3)

Any course not used in List A.

Total: 19

*# Cross-listed course. * This course has a prerequisite or corequisite.*

AA-T IN SPANISH

(Program Code: 110500, State Code: 32853)

This degree provides a solid foundation in the study of the Spanish language and literature for those wishing to continue their education in Spanish. Students will be able to demonstrate effective skills in the four major areas of language study (reading, writing, speaking, listening comprehension), and demonstrate knowledge of the global society, and the role of Spanish-speaking nations, and of the Spanish language and Hispanic cultures in the contemporary world.

Students completing the Associate in Arts in Spanish for Transfer Degree will have satisfied the lower-division major preparation at most CSUs in Spanish.

COMPLETE THE FOLLOWING 4 REQUIRED COURSES:

SPANISH 001	Elementary Spanish I	5
SPANISH 002*	Elementary Spanish II	5
SPANISH 003*	Intermediate Spanish I	(5)
OR		
SPANISH 036*	Spanish for Spanish Speakers II	(5)
SPANISH 004*	Intermediate Spanish II	(5)
OR		
SPANISH 037*	Composition and Conversation for Spanish Speakers	(5)

The prerequisite for SPANISH 036 is not SPANISH 002 but SPANISH 035, which is one of the substitution courses.

LIST A: SELECT 1 COURSE FROM THE FOLLOWING:

SPANISH 005*	Advanced Spanish Through Latin American Literature	(5)
SPANISH 006*	Advanced Spanish Through Spanish Literature	(5)
SPANISH 009	Civilization of Spain	(3)
SPANISH 016#	Mexican Civilization	(3)

COURSE SUBSTITUTIONS: SOME STUDENTS MAY NEED COURSES TO SUBSTITUTE FOR UNITS THEY PLACED OUT OF FROM THE REQUIRED COURSES. SELECT COURSES FROM LIST A NOT ALREADY TAKEN OR FROM THE FOLLOWING TO ATTAIN A MINIMUM OF 18 UNITS TOTAL:

HISTORY 005	History of the Americas I	3
HISTORY 006	History of the Americas II	3
LING 001#	Introduction to Language and Linguistics	3
SPANISH 012#	Survey of Mexican Literature	3
SPANISH 035*	Spanish for Spanish Speakers I	5

Total: 18-25

AA-T IN STUDIO ARTS

(Program Code 100200, State Code 32212)

Studio Art is the study of the creative production of visual images and forms that capture diverse human perspectives on culture through a variety of media. The program encourages students to engage in the wide possibilities of visual communication while engaging them in creating and building ideas in art for studio. Classes encourage the development of cultural awareness, creative thinking and human expression. This degree provides students with a broad skill set that includes critical thinking and problem solving applicable to articulation to higher education and various professional skills.

COMPLETE THE FOLLOWING 4 REQUIRED COURSES:

ART 102	Survey of Art History II	3
ART 201	Drawing I	3
ART 501	Beginning Two-Dimensional Design	3
ART 502	Beginning Three-Dimensional Design	3

LIST A: SELECT 1 COURSE:

ART 101	Survey of Art History I	(3)
ART 105	History of Asian Art	(3)
ART 109	The Arts of Africa, Oceania and Ancient America	(3)

LIST B: SELECT 3 COURSES:

ART 202*	Drawing II	(3)
ART 204*	Life Drawing I	(3)
ART 205*	Life Drawing II	(3)
ART 213*	Color Theory	(3)
ART 300	Introduction to Painting	(3)
ART 304	Acrylic Painting I	(3)
ART 400	Introduction to Printmaking	(3)
ART 700	Introduction to Sculpture	(3)
ART 701*	Sculpture I	(3)
ART 702*	Sculpture II	(3)
ART 708	Introduction to Ceramics	(3)
ART 709*	Ceramics I	(3)

Total: 24

AA-T IN THEATRE ARTS

(Program Code: 100700, State Code: 32852)

The study of Theater Arts has as its core the presentation of live performances. Student actors, writers, designers, directors, and technicians apply skills of critical thinking and creative interpretation to a wide range of dramatic literature and to the cultures and periods that produce that literature. Students also undertake the nuanced research necessary to construct a contextual frame for dramatic literature, and they exercise the imaginative reach to make those fictional worlds come to life.

Students completing the Associate in Arts in Theatre Arts for Transfer Degree will have satisfied the lower-division major preparation at most CSUs in Theater, Theatre Arts, and Drama.

COMPLETE THE FOLLOWING 3 REQUIRED COURSES:

THEATER 270	Beginning Acting	3
THEATER 291**	Rehearsals & Performances I	1
THEATER 292**	Rehearsals & Performances II	2

SELECT 1 OF THE FOLLOWING COURSES:

THEATER 100	Introduction to the Theater	(3)
THEATER 110	History of World Theater	(3)

LIST A: COMPLETE 9-11 UNITS FROM THE FOLLOWING:

THEATER 272*	Intermediate Applied Acting	(3)
THEATER 301	Stagecraft	(3)
THEATER 310	Introduction to Theatrical Lighting	(3)
THEATER 342	Technical Theater Production	(2)
THEATER 411	Costuming for the Theater	(3)
THEATER 450	Beginning Stage Make-Up	(3)

** Audition and/or interview required.

Total: 18-20

*# Cross-listed course. * This course has a prerequisite or corequisite.*

DEGREES AND CREDIT CERTIFICATES

CERTIFICATE PROGRAMS

Students who successfully complete a sequence of college courses leading toward specific areas of employment will be issued either a Certificate of Achievement or Skills Certificate. These certificates are designed for those students who have a limited time to pursue their formal education and who wish to specialize in a particular area that is employment oriented. Please meet with a Counselor to complete a Pre-Graduation Review Form to request a degree, a certificate and/or certification (IGETC, CSU-GE).

Certificate courses are not listed in sequence to be taken. Not all courses of each certificate are taught every semester. Many courses have prerequisites which are indicated by the symbol *. Students are therefore advised to consult the department chair or a counselor in order to plan their sequence of courses appropriately.

Residency requirement: One fifth of the units required for a certificate must be taken at Los Angeles Valley College. The CSU GE-Breadth Certificate of Achievement and IGETC Certificate of Achievement are exempt from this requirement.

All courses applied to a certificate program must be completed with a grade of C or better. Students who interrupt their attendance become subject to any new requirements which are in effect at the time they re-enroll.

Skills Certificates will not appear on the student's transcript. Los Angeles Valley College (LAVC) provides disclosure information for each of its state-approved CTE certificates of achievement (8 or more units). Current and prospective students will find information about the careers that each certificate provides training for, the costs associated with the program, median debt accumulated by students completing the program, number of program completers and time to completion. For information by specific program see: https://www.lavc.edu/techeducation/index.aspx

ASSOCIATE DEGREE WITH A CERTIFICATE

Students desiring an Associate Degree (AA/AS/AA-T/AS-T) must complete a major and the appropriate general education graduation requirements. Consult with a counselor regarding these requirements.

Many, but not all, of the courses listed in these programs carry transfer credit to four-year colleges so the student who decides at a later date to pursue work beyond two years may do so without a great loss of time. However, those students who plan to transfer to a four-year college should see a counselor or instructor-advisor from the appropriate department. Descriptions of the courses listed in each program can be found in the COURSE DESCRIPTION section of this catalog on pages 104-192.



ADMINISTRATION OF JUSTICE

For the Associate in Science in Administration of Justice for Transfer Degree see page 46.

CERTIFICATE REQUIREMENTS:

CERTIFICATE OF ACHIEVEMENT IN ADMINISTRATION OF JUSTICE

(Program Code 210500, State Code 21900)

Students obtaining an Administration of Justice Certificate will be better qualify for entry-level positions in the fields of Law, Law Enforcement, Correctional Science or Homeland Security on the local, county, state and federal levels of service. Positions obtained include: Police Officer, Deputy Sheriff, Highway Patrol Officer, FBI Agent, Probation/Parole Agent, and Security Officer.

Estimated time to complete: 1 year.

COMPLETE THE FOLLOWING 6 REQUIRED COURSES:

ADM JUS 001	Introduction to Administration of Justice	3
ADM JUS 002	Concepts of Criminal Law	3
ADM JUS 003	Legal Aspects of Evidence	3
ADM JUS 004	Principles and Procedures of the Justice System	3
ADM JUS 005	Criminal Investigation	3
ADM JUS 911	Cooperative Education - Administration of Justice	1

Total: 16

AFRICAN AMERICAN STUDIES

CERTIFICATE REQUIREMENTS:

CERTIFICATE OF ACHIEVEMENT IN AFRICAN AMERICAN STUDIES

(Program Code 220300, State Code 40988)

A certificate in African American Studies provides students with theoretical frameworks through which they are able to explore, examine, and analyze the experience of African Americans in the United States. Students will build skills in communicating with diverse audiences and examining multiple sources of information and data. This degree equips students to enter a multi-ethnic workforce and more effectively work toward social justice. Students who earn this degree will be well prepared for careers in non-profit organizations, education, social work, human services, health care, law and/or policy, planning and development.

Estimated time to complete: 1 year.

COMPLETE THE FOLLOWING 3 REQUIRED COURSES:

AFRO AM 002	The African American in Contemporary Urban Society	3
AFRO AM 004	The African American in the History of the U.S. I	3
AFRO AM 005	The African American in the History of the U.S. II	3

LIST A: SELECT 2 COURSES:

AFRO AM 020	African-American Literature	3
SOC 002	American Social Problems	3
SOC 011	Race and Ethnic Relations	3

Total: 15

ANTHROPOLOGY

For the Associate in Arts in Anthropology for Transfer Degree see page 46.

ART

For the Associate in Arts in Studio Arts for Transfer Degree see page 54.

ART: GRAPHIC DESIGN (AA)

(Program Code 101300, State Code 08553)

The Art: Graphic Design degree is structured to prepare students for positions in the industry. Specially structured courses in applied design and computer skills development, will ultimately lead to job candidacy for positions as Art Director, Graphic Designer, Pre-Press Production, Illustrator and Digital Designer. Portfolios are a requirement for both art school and university acceptance, and many of the graphic design discipline's courses provide projects perfect for inclusion in those portfolios. Most courses transfer to a UC or CSU which may satisfy lower-division transfer requirements.

COMPLETE THE FOLLOWING 8 REQUIRED COURSES:

ART 201	Drawing I	3
ART 501	Beginning Two-Dimensional Design	3
ART 600	Typography I	3
ART 604*	Graphic Design I	3
ART 605*	Graphic Design II	3
ART 618	Advertising Photo/Graphics I	4
ART 620	Illustration I	3
ART 626	Art Production Methods I	3

COMPLETE 1 COURSE FROM THE FOLLOWING:

ART 101	Survey of Art History I	(3)
ART 102	Survey of Art History II	(3)

COMPLETE 2 COURSES FROM THE FOLLOWING:

ART 125	History of Photography I	(3)
ART 202*	Drawing II	(3)
ART 204*	Life Drawing I	(3)
ART 205*	Life Drawing II	(3)
ART 300	Introduction to Painting	(3)
ART 502	Beginning Three- Dimensional Design	(3)
ART 606*	Graphic Design III	(3)
ART 619	Advertising Photo/Graphics II	(4)
ART 621*	Illustration II	(3)

Total: 34-35

*# Cross-listed course. * This course has a prerequisite or corequisite.*

Art, *Continued next page*

ART: STUDIO (AA)

(Program Code 100210, State Code 08543)

The AA in Art: Studio is designed to provide art students greater breadth and depth than the AA-T in Studio Arts. It is designed to provide students instruction to refine their craft in art production, especially to produce a competitive portfolio for submission for acceptance into an art program at a UC or a dedicated art school. An art education at Los Angeles Valley College provides pathways into graphic design, illustration, two-dimensional design, painting, three-dimensional design and sculpture, art gallery exhibition, and art history. An art education develops skills that can be applied in various creative areas, such as graphic design, illustration, motion picture, television, theater, fashion, fabrication, stage set design and of course fine art production. Art 521 and Art 531 are recommended, but they are not transferable to the UCs as part of the Studio Art major. Students applying for transfer to UC may benefit from taking up to 3 additional Art History courses in List B.

COMPLETE THE FOLLOWING 4 REQUIRED COURSES:

ART 201	Drawing I	3
ART 501	Beginning Two-Dimensional Design	3
ART 502	Beginning Three-Dimensional Design	3
ART 102	Survey of Art History II	3

LIST A: SELECT 4 COURSES:

ART 250	Introduction to Digital Art	3
ART 300	Introduction to Painting	3
ART 618	Advertising Photo/Graphics I	4
ART 700	Introduction to Sculpture	3
ART 708	Introduction to Ceramics	3
PHOTO 101	Beginning Digital Photography	3

LIST B: SELECT 4 COURSES:

ART 093	Introduction to Modern and Contemporary Asian Art	(3)
ART 111	History of Contemporary Art	(3)
ART 115	History of Modern Art	(3)
ART 202*	Drawing II	(3)
ART 203*	Drawing III	(3)
ART 204*	Life Drawing I	(3)
ART 205*	Life Drawing II	(3)
ART 206*	Life Drawing III	(3)
ART 207*	Life Drawing IV	(3)
ART 213*	Color Theory	(3)
ART 301	Watercolor Painting I	(3)
ART 302*	Watercolor Painting II	(3)
ART 303*	Watercolor Painting III	(3)
ART 304	Acrylic Painting I	(3)
ART 305*	Acrylic Painting II	(3)
ART 306	Acrylic Painting III	(3)
ART 307	Oil Painting I	(3)
ART 308*	Oil Painting II	(3)
ART 309*	Oil Painting III	(3)
ART 400	Introduction to Printmaking	(3)
ART 600	Typography I	(3)
ART 604*	Graphic Design I	(3)
ART 701*	Sculpture I	(3)
ART 702*	Sculpture II	(3)
ART 709*	Ceramics I	(3)
ART 710*	Ceramics II	(3)
ART 711*	Ceramics III	(3)

Or any course not used in List A.

Total: 36-37

CERTIFICATE REQUIREMENTS:

CERTIFICATE OF ACHIEVEMENT IN GRAPHIC DESIGN

(Program Code 103000, State Code 08554)

The Certificate of Achievement in Graphic Design is structured to prepare students for positions in the industry. Specially structured courses in applied design and computer skills development will ultimately lead to positions such as: Art director; Illustrator; and Production Artist.

Estimated time to complete: 2 years.

COMPLETE THE FOLLOWING 9 REQUIRED COURSES:

ART 201	Drawing I	3
ART 501	Beginning Two-Dimensional Design	3
ART 600	Typography I	3
ART 604*	Graphic Design I	3
ART 605*	Graphic Design II	3
ART 606*	Graphic Design III	3
ART 618	Advertising Photo/Graphics I	4
ART 619	Advertising Photo/Graphics II	4
ART 626	Art Production Methods I	3

Total: 29

ART HISTORY

For the Associate in Arts in Art History for Transfer Degree see page 46.

ART HISTORY (AA)

(Program Code 100200, State Code 02961)

Art history is the academic study of the history of painting, sculpture, architecture, and other visual arts in their cultural and stylistic context. This AA is designed for students either interested in transferring to a UC or transitioning into entry-level careers in art history and related industries. For students who want to transfer to UC Berkeley or UC Merced specifically, completion of Art 201 is strongly recommended. For students who want to teach at the elementary education level, Art 103 is strongly recommended. For students who want to pursue an entry-level career track, Art 521, Art 531 are recommended, but they are not transferrable to UCs as part of the Art History major. Students should consult with a faculty advisor and/or counselor in selecting electives to best meet their transfer or career goals

COMPLETE THE FOLLOWING 2 REQUIRED COURSES:

ART 105	History of Asian Art	3
ART 109	The Arts of Africa, Oceania, and Ancient America	3

LIST A: COMPLETE 2 COURSES FROM THE FOLLOWING:

ART 101	Survey of Art History I	(3)
ART 102	Survey of Art History II	(3)
ART 115	History of Modern Art	(3)

LIST B: COMPLETE 2 COURSES FROM THE FOLLOWING:

ART 093	Introduction to Modern and Contemporary Asian Art	(3)
ART 094	Introduction to Ancient Art of the Mediterranean	(3)
ART 103	Art Appreciation I	(3)
ART 111	History of Contemporary Art	(3)
ART 116	History of Women and Art	(3)
ART 125	History of Photography I	(3)
ART 201	Drawing I	(3)
ART 521	Art Gallery Techniques	(3)
ART 531*	Art Gallery Techniques II	(3)

Or any course not used in List A.

Total: 18

*# Cross-listed course. * This course has a prerequisite or corequisite.*

BIOLOGY

For the Associate in Science in Biology for Transfer Degree see page 46.

BIOLOGY (AS)

(Program Code 040100, State Code 02941)

This degree can serve as the basis for further undergraduate education in biology.

COMPLETE THE FOLLOWING 4 REQUIRED COURSES:

BIOLOGY 006*	General Biology I	5
BIOLOGY 007*	General Biology II	5
CHEM 101*	General Chemistry I	5
CHEM 102*	General Chemistry II	5

Total: 20

BROADCASTING

For the Associate in Science in Film, Television, and Electronic Media for Transfer Degree see page 49.

The Broadcasting degree and certificate programs will enable students to gain valuable skills and creative techniques in the highly competitive and challenging world of Radio, Television, and Voice Over for over the air signals, cable, satellite and internet stations. The course offerings are designed to provide a general overview of the broadcasting industries and their inter-relationships, while also concentrating on specific job skills.

BROADCASTING (AA)

(Program Code 060400, State Code 08549)

COMPLETE THE FOLLOWING 6 REQUIRED COURSES:

BRDCSTG 001	Fundamentals of Television and Radio Broadcasting	3
BRDCSTG 003	Voice and Diction for Radio and Television	3
BRDCSTG 010	Radio Programming and Production	3
BRDCSTG 025	Radio/TV/Film Writing	3
BRDCSTG 026	TV-Film Aesthetics	3
BRDCSTG 046	Fundamentals of Television Production	4

Total: 19

BROADCASTING: PERFORMANCE (AA)

(Program Code 060401, State Code 08537)

COMPLETE THE FOLLOWING 12 REQUIRED COURSES:

BRDCSTG 001	Fundamentals of Television and Radio Broadcasting	3
BRDCSTG 003	Voice and Diction for Radio and Television	3
BRDCSTG 005	Radio and Television Acting	3
BRDCSTG 010	Radio Programming and Production	3
BRDCSTG 017	Introduction to Voice-over	3
BRDCSTG 021	Advertising, Marketing, and Promotions for Broadcasting	3
BRDCSTG 022-1	Introductory Radio/Television Activities	1
BRDCSTG 022-2*	Beginning Radio/Television Activities	1
BRDCSTG 023	News, Sports, and Live Remote Broadcasting for Radio & Television	3
BRDCSTG 025	Radio/TV/Film Writing	3
BRDCSTG 026	TV-Film Aesthetics	3
BRDCSTG 028	Television Announcing I	3

Total: 32

BROADCASTING: RADIO (AA)

(Program Code 060410, State Code 08536)

COMPLETE THE FOLLOWING 12 REQUIRED COURSES:

BRDCSTG 001	Fundamentals of Television and Radio Broadcasting	3
BRDCSTG 003	Voice and Diction for Radio and Television	3
BRDCSTG 010	Radio Programming and Production	3
BRDCSTG 011	Digital Audio Editing and Production	3
BRDCSTG 017	Introduction to Voice-over	3
BRDCSTG 021	Advertising, Marketing, and Promotions for Broadcasting	3
BRDCSTG 022-1	Introductory Radio/Television Activities	1
BRDCSTG 022-2*	Beginning Radio/Television Activities	1
BRDCSTG 023	News, Sports, and Live Remote Broadcasting for Radio & Television	3
BRDCSTG 024	Podcasting Production for Radio & The Internet	3
BRDCSTG 025	Radio/TV/Film Writing	3
BRDCSTG 026	TV-Film Aesthetics	3

Total: 32

BROADCASTING: TELEVISION (AA)

(Program Code 060420, State Code 08535)

COMPLETE THE FOLLOWING 10 REQUIRED COURSES:

BRDCSTG 001	Fundamentals of Television and Radio Broadcasting	3
BRDCSTG 003	Voice and Diction for Radio and Television	3
BRDCSTG 005	Radio and Television Acting	3
BRDCSTG 021	Advertising, Marketing, and Promotions for Broadcasting	3
BRDCSTG 023	News, Sports, and Live Remote Broadcasting for Radio & Television	3
BRDCSTG 025	Radio/TV/Film Writing	3
BRDCSTG 026	TV-Film Aesthetics	3
BRDCSTG 028	Television Announcing I	3
BRDCSTG 046	Fundamentals of Television Production	4
BRDCSTG 047	Single Camera Production	4

Total: 32

*# Cross-listed course. * This course has a prerequisite or corequisite.*

Broadcasting, *Continued next page*

CERTIFICATE REQUIREMENTS:

CERTIFICATE OF ACHIEVEMENT IN BROADCASTING: PERFORMANCE

(Program Code 060401, State Code 21887)

The estimated time to complete the certificates is: 2 years.

COMPLETE THE FOLLOWING 9 REQUIRED COURSES:

BRDCSTG 001	Fundamentals of Television and Radio Broadcasting	3
BRDCSTG 003	Voice and Diction for Radio and Television	3
BRDCSTG 005	Radio and Television Acting	3
BRDCSTG 010	Radio Programming and Production	3
BRDCSTG 017	Introduction to Voice-over	3
BRDCSTG 021	Advertising, Marketing, and Promotions for Broadcasting	3
BRDCSTG 022-1	Introductory Radio/Television Activities	1
BRDCSTG 023	News, Sports, and Live Remote Broadcasting for Radio & Television	3
BRDCSTG 028	Television Announcing I	3

Total: 25

CERTIFICATE OF ACHIEVEMENT IN BROADCASTING: RADIO

(Program Code 060410, State Code 21888)

The estimated time to complete the certificates is: 2 years.

COMPLETE THE FOLLOWING 9 REQUIRED COURSES:

BRDCSTG 001	Fundamentals of Television and Radio Broadcasting	3
BRDCSTG 003	Voice and Diction for Radio and Television	3
BRDCSTG 010	Radio Programming and Production	3
BRDCSTG 011	Digital Audio Editing and Production	3
BRDCSTG 017	Introduction to Voice-over	3
BRDCSTG 021	Advertising, Marketing, and Promotions for Broadcasting	3
BRDCSTG 022-1	Introductory Radio/Television Activities	1
BRDCSTG 023	News, Sports, and Live Remote Broadcasting for Radio & Television	3
BRDCSTG 024	Podcasting Production for Radio & The Internet	3

Total: 25

CERTIFICATE OF ACHIEVEMENT IN BROADCASTING: TELEVISION

(Program Code 060420, State Code 21889)

The estimated time to complete the certificates is: 2 years.

COMPLETE THE FOLLOWING 8 REQUIRED COURSES:

BRDCSTG 001	Fundamentals of Television and Radio Broadcasting	3
BRDCSTG 003	Voice and Diction for Radio and Television	3
BRDCSTG 005	Radio and Television Acting	3
BRDCSTG 021	Advertising, Marketing, and Promotions for Broadcasting	3
BRDCSTG 023	News, Sports, and Live Remote Broadcasting for Radio & Television	3
BRDCSTG 026	TV-Film Aesthetics	3
BRDCSTG 028	Television Announcing I	3
BRDCSTG 046	Fundamentals of Television Production	4

Total: 25

BUSINESS

For the Associate in Science in Business Administration for Transfer Degree see page 47.

For the Associate in Arts in Economics for Transfer Degree see page 48. (Also see Economics (AA) major)

ACCOUNTING (AA)

(Program Code 050200, State Code 02942)

This degree serves as the basis for further undergraduate education in accounting as well as preparing students for entry-level positions in accounting and tax preparation. It is designed to enable students to do accounting work in the public sector or in private companies. The degree provides a foundation for careers in business-related fields, such as Management, Marketing, Banking and Finance, and Law.

COMPLETE THE FOLLOWING 7 REQUIRED COURSES:

ACCTG 001	Introductory Accounting I	5
ACCTG 002*	Introductory Accounting II	5
ACCTG 003*	Intermediate Accounting I	3
ACCTG 008	Income Tax Preparation	3
BUS 001	Introduction to Business	3
BUS 032*	Business Communications	3
LAW 001	Business Law I	3

COMPLETE 1 COURSE FROM THE FOLLOWING:

ACCTG 011*	Cost Accounting	(3)
ACCTG 018*	Computerized Payroll Accounting	(3)
ACCTG 019	Ethics for Accounting Professionals	(3)

COMPLETE 2 COURSES FROM THE FOLLOWING:

BUS 038	Business Computations	(3)
CAOT 078*	Microcomputer Attcg Applications for the Electronic Office	(3)
CAOT 082	Microcomputer Software Survey in the Office	(3)
FINANCE 008	Personal Finance and Investments	(3)
MGMT 001	Principles of Management	(3)

Total: 34

BANKING AND FINANCE (AA)

(Program Code 050400, State Code 02943)

This degree provides an in-depth understanding of the operations of money and capital markets, institutions and management. Students will be prepared for employment in such fields as investing, banking, corporate finance, insurance, credit unions, mortgage banking and related fields.

COMPLETE THE FOLLOWING 7 REQUIRED COURSES:

ACCTG 001	Introductory Accounting I	5
ACCTG 002*	Introductory Accounting II	5
BUS 001	Introduction to Business	3
BUS 032*	Business Communications	3
FINANCE 008	Personal Finance and Investments	3
LAW 001	Business Law I	3
MGMT 013	Small Business Entrepreneurship	3

COMPLETE 2 COURSES FROM THE FOLLOWING:

ECON 001*	Principles of Economics I	(3)
FINANCE 002	Investments	(3)
REAL ES 007*	Real Estate Finance I	(3)

COMPLETE 2 COURSES FROM THE FOLLOWING:

BUS 038	Business Computations	(3)
CAOT 082	Microcomputer Software Survey in the Office	(3)
FINANCE 008	Personal Finance and Investments	(3)
MGMT 001	Principles of Management	(3)

Total: 37

*# Cross-listed course. * This course has a prerequisite or corequisite.*

Business, *Continued next page*

MANAGEMENT (AA)

(Program Code 050630, State Code 02945)

This degree serves as the basis for further undergraduate education in management and prepares students for first-level management and supervisory positions, support positions in human resources, and for working in team-based environments. Besides Business Management, students will use the computer and the internet, and integrate other Business disciplines, including Accounting, Marketing, Banking and Finance, and Law.

COMPLETE THE FOLLOWING 8 REQUIRED COURSES:

ACCTG 001	Introductory Accounting I	5
BUS 001	Introduction to Business	3
BUS 032*	Business Communications	3
LAW 001	Business Law I	3
MGMT 001	Principles of Management	3
MGMT 013	Small Business Entrepreneurship	3
MGMT 031	Human Relations for Employees	3
MGMT 033	Human Capital Management	3

COMPLETE 2 COURSES FROM THE FOLLOWING:

ACCTG 002*	Introductory Accounting II	(5)
FINANCE 002	Investments	(3)
INTBUS 001	International Trade	(3)
MARKET 021	Principles of Marketing	(3)
REAL ES 014	Property Management	(3)

COMPLETE 2 COURSES FROM THE FOLLOWING:

BUS 038	Business Computations	(3)
CAOT 082	Microcomputer Software Survey in the Office	(3)
FINANCE 008	Personal Finance and Investments	(3)

Total: 38-40

MARKETING (AA)

(Program Code 050900, State Code 02947)

This degree serves as the basis for further undergraduate education in marketing and prepares students for positions in sales, the retail industry, and entry-level marketing jobs. Students will use the computer and the internet, and integrate other Business disciplines, including Accounting, Management, Banking and Finance, and Law.

COMPLETE THE FOLLOWING 9 REQUIRED COURSES:

ACCTG 001	Introductory Accounting I	5
BUS 001	Introduction to Business	3
BUS 032*	Business Communications	3
INTBUS 001	International Trade	3
LAW 001	Business Law I	3
MARKET 001	Principles of Selling	3
MARKET 011	Fundamentals of Advertising	3
MARKET 021	Principles of Marketing	3
MARKET 031	Retail Merchandising	3

COMPLETE 1 COURSE FROM THE FOLLOWING:

LAW 002	Business Law II	(3)
MGMT 001	Principles of Management	(3)
MGMT 013	Small Business Entrepreneurship	(3)
REAL ES 001	Real Estate Principles	(3)

COMPLETE 2 COURSES FROM THE FOLLOWING:

BUS 038	Business Computations	(3)
CAOT 082	Microcomputer Software Survey in the Office	(3)
FINANCE 008	Personal Finance and Investments	(3)
MGMT 001	Principles of Management	(3)

MGMT 001 may not be used in this area if already used above.

Total: 38

REAL ESTATE (AA)

(Program Code 051100, State Code 02948)

This degree is designed to meet the needs of persons currently employed in the Real Estate field and for individuals who want to enter the field. This program is of interest to those who either are now, or hope to become salespersons, brokers, appraisers, escrow officers, property managers, and community developers.

COMPLETE THE FOLLOWING 9 REQUIRED COURSES:

ACCTG 001	Introductory Accounting I	5
BUS 001	Introduction to Business	3
BUS 032*	Business Communications	3
LAW 001	Business Law I	3
REAL ES 001	Real Estate Principles	3
REAL ES 003	Real Estate Practices	3
REAL ES 005	Legal Aspects of Real Estate I	3
REAL ES 007*	Real Estate Finance I	3
REAL ES 009*	Real Estate Appraisal I	3

COMPLETE 1 COURSE FROM THE FOLLOWING:

REAL ES 014	Property Management	(3)
REAL ES 021*	Real Estate Economics	(3)

COMPLETE 2 COURSES FROM THE FOLLOWING:

ACCTG 015*	Tax Accounting I	(3)
BUS 038	Business Computations	(3)
CAOT 082	Microcomputer Software Survey in the Office	(3)
FINANCE 008	Personal Finance and Investments	(3)
LAW 002	Business Law II	(3)
MGMT 001	Principles of Management	(3)

Total: 38

CERTIFICATE REQUIREMENTS:

CERTIFICATE OF ACHIEVEMENT IN ACCOUNTING

(Program Code 050200, State Code 21874)

This certificate serves as the basis for further undergraduate education in accounting as well as preparing students for entry-level positions in accounting and tax preparation. It is designed to enable students to do accounting work in the public sector or in private companies. The certificate provides a foundation for careers in business-related fields, such as Management, Marketing, Banking and Finance, and Law.

Estimated time to complete: 1.5 years

COMPLETE THE FOLLOWING 4 REQUIRED COURSES:

ACCTG 001	Introductory Accounting I	5
ACCTG 002*	Introductory Accounting II	5
ACCTG 003*	Intermediate Accounting I	3
ACCTG 008	Income Tax Preparation	3

COMPLETE 2 COURSES FROM THE FOLLOWING:

ACCTG 011*	Cost Accounting	(3)
ACCTG 018*	Computerized Payroll Accounting	(3)
ACCTG 019	Ethics for Accounting Professionals	(3)
CAOT 078	Microcomputer Acctg Applications for the Electronic Office	(3)
CAOT 082	Microcomputer Software Survey in the Office	(3)
CAOT 085	Microcomputer Office Applications: Spreadsheet	(3)

Total: 22

*# Cross-listed course. * This course has a prerequisite or corequisite.*

Business, *Continued next page*

CERTIFICATE OF ACHIEVEMENT IN BANKING AND FINANCE

(Program Code 050404, State Code 08530)

This certificate prepares students for basic entry-level positions in the financial services industry, including banking, insurance, brokerage and real estate.

Estimated time to complete: 1 year.

COMPLETE THE FOLLOWING 3 REQUIRED COURSES:

ACCTG 001	Introductory Accounting I	5
FINANCE 002	Investments	3
FINANCE 008	Personal Finance and Investment	3

COMPLETE 8-9 UNITS FROM THE FOLLOWING:

ACCTG 002*	Introductory Accounting II	(5)
ACCTG 008	Income Tax Preparation	(3)
BUS 001	Introduction to Business	(3)
BUS 038	Business Computations	(3)
LAW 001	Business Law I	(3)
REAL ES 007*	Real Estate Finance I	(3)

Total: 19-20

CERTIFICATE OF ACHIEVEMENT IN BUSINESS ESSENTIALS

(Program Code 050640, State Code 41005)

This certificate will prepare students for first-level management and supervisory jobs, as well as, support positions and qualify for small business jobs and careers including entry-level position in the areas of bookkeeping and accounting. Also, students will have completed many of the core requirements for the Associate in Science in Business Administration for Transfer Degree.

Estimated time to complete: 1 year.

COMPLETE THE FOLLOWING 3 REQUIRED COURSES:

ACCTG 001	Introductory Accounting I	5
BUS 001	Introduction to Business	3
LAW 001	Business Law I	3

COMPLETE 5-6 UNITS FROM THE FOLLOWING:

ACCTG 002*	Introductory Accounting II	(5)
BUS 032*	Business Communications	(3)
FINANCE 008	Personal Finance and Investments	(3)
MARKET 021	Principles of Marketing	(3)
MGMT 001	Principles of Management	(3)

Total: 16-17

CERTIFICATE OF ACHIEVEMENT IN BUSINESS MANAGEMENT

(Program Code 050600, State Code 02944)

This certificate prepares students for first-level management and supervisory jobs, as well as support posts in human resources, and positions them for success in team-based work environments. Students will use the computer, the internet, and relevant computer applications.

Estimated time to complete: 1 year.

COMPLETE THE FOLLOWING 5 REQUIRED COURSES:

ACCTG 001	Introductory Accounting I	5
BUS 001	Introduction to Business	3
BUS 032*	Business Communications	3
LAW 001	Business Law I	3
MGMT 001	Principles of Management	3

COMPLETE 1 COURSE FROM THE FOLLOWING:

MARKET 021	Principles of Marketing	(3)
MGMT 013	Small Business Entrepreneurship	(3)
MGMT 031	Human Relations for Employees	(3)

Total: 20

CERTIFICATE OF ACHIEVEMENT IN MARKETING

(Program Code 050900, State Code 21876)

This certificate prepares students for advancement as well as positions in sales, the retail industry, and entry-level marketing jobs. Students will use the computer, the internet, and relevant computer applications.

Estimate time to complete: 1 year.

COMPLETE THE FOLLOWING 5 REQUIRED COURSES:

INTBUS 001	International Trade	3
MARKET 001	Principles of Selling	3
MARKET 011	Fundamentals of Advertising	3
MARKET 021	Principles of Marketing	3
MARKET 031	Retail Merchandising	3

COMPLETE 1 COURSE FROM THE FOLLOWING:

BUS 001	Introduction to Business	(3)
MGMT 001	Principles of Management	(3)
MGMT 013	Small Business Entrepreneurship	(3)
REAL ES 001	Real Estate Principles	(3)

Total: 18

CERTIFICATE OF ACHIEVEMENT IN PROPERTY MANAGEMENT

(Program Code 051101, State Code 21411)

This certificate is designed for students and investors to provide skills needed to become manager of investment property or property management such as a homeowner association. Students will receive career preparation for entry-level positions in property management.

Estimated time to complete: 2 years.

COMPLETE THE FOLLOWING 4 REQUIRED COURSES:

REAL ES 001	Real Estate Principles	3
REAL ES 005	Legal Aspects of Real Estate I	3
REAL ES 007*	Real Estate Finance I	3
REAL ES 014	Property Management	3

COMPLETE 2 COURSES FROM THE FOLLOWING:

ACCTG 001	Introductory Accounting I	(5)
BUS 001	Introduction to Business	(3)
MGMT 001	Principles of Management	(3)
REAL ES 021*	Real Estate Economics	(3)

Total: 18-20

*# Cross-listed course. * This course has a prerequisite or corequisite.*

Business, *Continued next page*

CERTIFICATE OF ACHIEVEMENT IN REAL ESTATE

(Program Code 051100, State Code 21877)

This certificate provides entry-level skills for those seeking careers in the real estate industry. Students taking REAL ES 001, REAL ES 003, and a real estate elective qualify to seek a California Real Estate Salesperson's License. Most of the other real estate courses that are needed for the Real Estate Certificate will be helpful to those students seeking a California Real Estate Broker's License.

Estimated time to complete: 2 years.

COMPLETE THE FOLLOWING 5 REQUIRED COURSES:

REAL ES 001	Real Estate Principles	3
REAL ES 003	Real Estate Practices	3
REAL ES 005	Legal Aspects of Real Estate I	3
REAL ES 007*	Real Estate Finance I	3
REAL ES 009*	Real Estate Appraisal I	3

COMPLETE 1 COURSE FROM THE FOLLOWING:

REAL ES 014	Property Management	(3)
REAL ES 021*	Real Estate Economics	(3)

Total: 18

CERTIFICATE OF ACHIEVEMENT IN RETAIL MANAGEMENT

(Program Code 050650, State Code 33859)

This Certificate prepares students for career opportunities and advancement in the retail industry. Retail managers work in many settings, including grocery, fashion, specialty food and beverage, home and interiors, technology, services, general retailing, and e-commerce. The program provides students with skills in marketing, management, technology, and budgeting. Program completion leads to a certificate awarded by the College and an industry certificate awarded by the Western Association of Food Chains.

Estimated time to complete: 1.5 to 2 years.

COMPLETE THE FOLLOWING 8 REQUIRED COURSES:

BUS 032*	Business Communications	3
BUS 038	Business Computations	3
CAOT 082	Microcomputer Software Survey In The Office	3
MGMT 001	Principles Of Management	3
MGMT 031	Human Relations For Employees	3
MGMT 033	Human Capital Management	3
MARKET 021	Principles Of Marketing	3
MARKET 031	Retail Merchandising	3

Total: 24

CHEMISTRY

CHEMISTRY (AS)

(Program Code 190500, State Code 02977)

Students will be introduced to the fundamental concepts of chemistry including atomic and molecular structure, nomenclature of inorganic and organic compounds, stoichiometry, gas laws, solution chemistry and the physical properties of gases, liquids, solids and solutions. Students will also be introduced to a variety of chemical reactions encountered in inorganic and organic chemistry. Completion of these courses along with several general education requirements partially meets the guidelines for the University of California Transfer Pathway in Chemistry. The general education requirements that must accompany these listed courses include two college-level courses in English composition and four courses from the categories of Arts and Humanities; Social and Behavioral Sciences; and Physical and Biological Sciences. Students should also consider taking Physics 39 and Math 263 prior to transfer.

COMPLETE THE FOLLOWING 8 REQUIRED COURSES:

CHEM 101*	General Chemistry I	5
CHEM 102*	General Chemistry II	5
CHEM 211*	Organic Chemistry for Science Majors I	5
CHEM 212*	Organic Chemistry for Science Majors II	5
MATH 261*	Calculus I	5
MATH 262*	Calculus II	5
PHYSICS 037*	Physics for Engineers and Scientists I	5
PHYSICS 038*	Physics for Engineers and Scientists II	5

Total: 40

CHICANO STUDIES

CHICANO STUDIES (AA)

(Program Code 220300, State Code 35201)

An Associates of Arts in Chicano Studies Degree provides students with theoretical frameworks through which they are able to explore, examine, and analyze the experiences of Mexican Americans in the United States. Students will build skills at communicating with diverse audiences and examining multiple sources of information and data. This degree equips students to enter a multi-ethnic workforce and more effectively work toward social justice. Students who earn this degree will be well prepared for careers in non-profit organizations, education, social work, human services, health-care, law and/or policy, planning and development. This degree can also serve as the basis for further undergraduate education in Chicano Studies and similar fields.

COMPLETE THE FOLLOWING 6 REQUIRED COURSES:

CHICANO 002	The Mexican-American in Contemporary Society	3
CHICANO 007	The Mexican-American in the History of the United States I	3
CHICANO 008	The Mexican-American in the History of the United States II	3
CHICANO 037	Chicano Literature	3
CHICANO 044	Mexican Civilization	3
CHICANO 054	Mexican-American Arts in American Culture	3

COMPLETE 1 COURSE FROM THE FOLLOWING:

CHICANO 042#	Contemporary Mexican Literature	(3)
SPANISH 002*	Elementary Spanish II	(5)
SPANISH 003*	Intermediate Spanish I	(5)
SPANISH 004*	Intermediate Spanish II	(5)
SPANISH 035	Spanish for Spanish Speakers I	(5)
SPANISH 036*	Spanish for Spanish Speakers II	(5)
SPANISH 037*	Composition and Conversation for Spanish Speakers	(5)

Total: 21 - 23

*# Cross-listed course. * This course has a prerequisite or corequisite.*

CHILD DEVELOPMENT

For the Associate in Science in Early Childhood Education for Transfer Degree see page 48.

These degrees prepare students for employment in professions in early childhood education and the future option of a Bachelor's Degree. All courses are CSU transferable and may satisfy lower-division requirements. The Special Education option prepares students with an interest in working with children with special needs.

CHILD DEVELOPMENT (AA)

(Program Code 130500, State Code 08559)

This degree prepares students for employment in professions in early childhood education programs that require only an AA degree. Students must participate in two semesters of Practicum Experience. Elective units selected by students should be chosen based on an area of interest, which include: infant and toddlers, program director, school-age care such as after-school programs, special education or early literacy and language development.

COMPLETE THE FOLLOWING 5 REQUIRED COURSES:

CH DEV 001*	Child Growth and Development	3
CH DEV 003	Creative Experiences for Children I	3
CH DEV 011	Child, Family and Community	3
CH DEV 022*	Practicum in Child Development I	4
CH DEV 023*	Practicum in Child Development II	4

COMPLETE AT LEAST 19 UNITS FROM THE FOLLOWING COURSES:

CH DEV 002	Early Childhood: Principles and Practices	(3)
CH DEV 003	Creative Experiences for Children I	(3)
CH DEV 007	Introduction to Curriculum in Early Childhood Education	(3)
CH DEV 010	Health, Safety and Nutrition	(3)
CH DEV 029*	Infant Toddler Practicum	(3)
CH DEV 030*	Infant/Toddler Development	(3)
CH DEV 031*	Infant/Toddler Care and Education	(3)
CH DEV 034*	Observing and Recording Children's Behavior	(3)
CH DEV 035	Fostering Literacy Development in Young Children	(3)
CH DEV 036	Literature for Early Childhood	(1)
CH DEV 037	Literature for School Age Children	(2)
CH DEV 038*	Administration & Supervision of Early Childhood Programs I	(3)
CH DEV 039*	Administration II: Personnel and Leadership in Early Childhood Education	(3)
CH DEV 042	Teaching in a Diverse Society	(3)
CH DEV 044*	Early Intervention for Children with Specials Needs	(3)
CH DEV 045	Programs for Children with Special Needs	(3)
CH DEV 047	School Age Programs II	(3)
CH DEV 048	Positive Guidance in Early Childhood Settings	(3)
CH DEV 053	Parenting	(3)
CH DEV 172	Introduction to Careers in Child Development	(1)
SOC 012	Marriage and Family Life	(3)

Total: 36

CHILD DEVELOPMENT: EARLY CHILDHOOD EDUCATION (AA)

(Program Code 130501, State Code 02980)

COMPLETE THE FOLLOWING 3 REQUIRED COURSES:

CH DEV 001*	Child Growth and Development	3
CH DEV 003	Creative Experiences for Children I	3
CH DEV 011	Child, Family and Community	3

COMPLETE 12 UNITS FROM THE FOLLOWING COURSES:

CH DEV 002	Early Childhood: Principles and Practices	(3)
CH DEV 003	Creative Experiences for Children I	(3)
CH DEV 007	Introduction to Curriculum in Early Childhood Education	(3)
CH DEV 010	Health, Safety and Nutrition	(3)
CH DEV 029*	Infant Toddler Practicum	(3)
CH DEV 030*	Infant/Toddler Development	(3)
CH DEV 031*	Infant/Toddler Care and Education	(3)
CH DEV 034*	Observing and Recording Children's Behavior	(3)
CH DEV 035	Fostering Literacy Development in Young Children	(3)
CH DEV 036	Literature for Early Childhood	(1)
CH DEV 037	Literature for School Age Children	(2)
CH DEV 038*	Administration & Supervision of Early Childhood Programs I	(3)
CH DEV 039*	Administration II: Personnel and Leadership in Early Childhood Education	(3)
CH DEV 042	Teaching in a Diverse Society	(3)
CH DEV 047	School Age Programs II	(3)
CH DEV 048	Positive Guidance in Early Childhood Settings	(3)
CH DEV 053	Parenting	(3)
SOC 012	Marriage and Family Life	(3)

Total: 21

CHILD DEVELOPMENT: SPECIAL EDUCATION (AA)

(Program Code 130520, State Code 08558)

COMPLETE THE FOLLOWING 6 REQUIRED COURSES:

CH DEV 001*	Child Growth and Development	3
CH DEV 003	Creative Experiences for Children I	3
CH DEV 010	Health, Safety and Nutrition	3
CH DEV 011	Child, Family and Community	3
CH DEV 044*	Early Intervention for Children with Special Needs	3
CH DEV 045	Programs for Children with Special Needs	3

COMPLETE 1 COURSE FROM THE FOLLOWING:

CH DEV 007	Introduction to Curriculum in Early Childhood Education	(3)
CH DEV 034*	Observing and Recording Children's Behavior	(3)
CH DEV 042	Teaching in a Diverse Society	(3)
CH DEV 048	Positive Guidance in Early Childhood Settings	(3)
PSYCH 014	Abnormal Psychology	(3)
PSYCH 017	The Exceptional Child	(3)
SOC 012	Marriage and Family Life	(3)

Total: 21

*# Cross-listed course. * This course has a prerequisite or corequisite.*

Child Development, *Continued next page*

CERTIFICATE PROGRAMS

All certificates meet State Department of Social Services requirements for positions in private programs as defined in Title 22.

All courses must be completed with a grade of "C" or better.

CERTIFICATE OF ACHIEVEMENT IN CHILD DEVELOPMENT: ASSOCIATE TEACHER, PRESCHOOL (A)

(Program Code 130543, State Code 10762)

Completion of 12 units meets the minimum education requirements for associate teacher position in private early childhood education programs. These courses may also meet requirements for teacher aide positions in federal or state funded early education programs.

Estimated time to complete: 1 year.

COMPLETE THE FOLLOWING 3 REQUIRED COURSES:

CH DEV 001*	Child Growth and Development	3
CH DEV 003	Creative Experiences for Children I	3
CH DEV 011	Child, Family and Community	3

COMPLETE 1 COURSE FROM THE FOLLOWING:

CH DEV 002	Early Childhood: Principles and Practices	(3)
CH DEV 007	Introduction to Curriculum in Early Childhood Education	(3)
CH DEV 010	Health, Safety and Nutrition	(3)
CH DEV 035	Fostering Literacy Development in Young Children	(3)
CH DEV 042	Teaching in a Diverse Society	(3)
CH DEV 048	Positive Guidance in Early Childhood Settings	(3)

Total: 12

CERTIFICATE OF ACHIEVEMENT IN CHILD DEVELOPMENT: DIRECTOR, PRESCHOOL (B)

(Program Code 130580, State Code 10763)

Completion of 15 units meets the minimum education requirements for position of director in private early childhood education programs.

Estimated time to complete: 1 year.

COMPLETE THE FOLLOWING 4 REQUIRED COURSES:

CH DEV 001*	Child Growth and Development	3
CH DEV 003	Creative Experiences for Children I	3
CH DEV 011	Child, Family and Community	3
CH DEV 038*	Administration & Supervision of Early Childhood Programs I	3

COMPLETE 1 COURSE FROM THE FOLLOWING

CH DEV 002	Early Childhood: Principles and Practices	(3)
CH DEV 007	Introduction to Curriculum in Early Childhood Education	(3)
CH DEV 010	Health, Safety and Nutrition	(3)
CH DEV 034*	Observing and Recording Children's Behavior	(3)
CH DEV 035	Fostering Literacy Development in Young Children	(3)
CH DEV 039*	Administration II: Personnel and Leadership in Early Childhood Education	(3)
CH DEV 042	Teaching in a Diverse Society	(3)
CH DEV 044*	Early Intervention for Children with Special Needs	(3)
CH DEV 045	Programs for Children with Special Needs	(3)
CH DEV 048	Positive Guidance in Early Childhood Settings	(3)

Total: 15

CERTIFICATE OF ACHIEVEMENT IN CHILD DEVELOPMENT: SCHOOL AGE PROGRAMS TEACHER, DAY CARE (C)

(Program Code 130551, State Code 10764)

Completion of 15 units meets the minimum education requirements for position of teacher in private programs for school-age care, such as before or after school programs.

Estimated time to complete: 1 year.

COMPLETE THE FOLLOWING 4 REQUIRED COURSES:

CH DEV 001*	Child Growth and Development	3
CH DEV 003	Creative Experiences for Children I	3
CH DEV 011	Child, Family and Community	3
CH DEV 047	School Age Programs II	3

COMPLETE 3 UNITS FROM THE FOLLOWING COURSES:

CH DEV 002	Early Childhood: Principles and Practices	(3)
CH DEV 007	Introduction to Curriculum in Early Childhood Education	(3)
CH DEV 010	Health, Safety and Nutrition	(3)
CH DEV 035	Fostering Literacy Development in Young Children	(3)
CH DEV 036	Literature for Early Childhood	(1)
CH DEV 037	Literature for School Age Children	(2)
CH DEV 042	Teaching in a Diverse Society	(3)
CH DEV 044*	Early Intervention for Children with Special Needs	(3)
CH DEV 045	Programs for Children with Special Needs	(3)
CH DEV 048	Positive Guidance in Early Childhood Settings	(3)

Total: 15

CERTIFICATE OF ACHIEVEMENT IN CHILD DEVELOPMENT: INFANT/TODDLER CARE TEACHER (D)

(Program Code 130591, State Code 10765)

Completion of 15 units meets the minimum education requirements for position of infant or toddler care teacher in private programs.

Estimated time to complete: 1 year.

COMPLETE THE FOLLOWING 4 REQUIRED COURSES:

CH DEV 001*	Child Growth and Development	3
CH DEV 003	Creative Experiences for Children I	3
CH DEV 011	Child, Family and Community	3
CH DEV 029*	Infant Toddler Practicum	3

COMPLETE 1 COURSE FROM THE FOLLOWING:

CH DEV 030*	Infant/Toddler Development	(3)
CH DEV 031*	Infant/Toddler Care and Education	(3)

Total: 15

*# Cross-listed course. * This course has a prerequisite or corequisite.*

Child Development, *Continued next page*

SKILLS CERTIFICATE IN CHILD DEVELOPMENT: ASSOCIATE TEACHER, PRESCHOOL, LITERACY EMPHASIS (E)

(Program Code 130505)

This certificate provides emphasis on language and literacy development in young children. Completion of 12 units meets the minimum education requirements for associate teacher position in private early childhood education programs. The courses may also meet requirements for teacher aide positions in federal or state-funded early education programs.

Estimated time to complete: 1 year.

COMPLETE THE FOLLOWING 2 REQUIRED COURSES:

CH DEV 001*	Child Growth and Development	3
CH DEV 011	Child, Family and Community	3

COMPLETE 3 UNITS FROM THE FOLLOWING COURSES:

CH DEV 035	Fostering Literacy Development in Young Children	(3)
CH DEV 036	Literature for Early Childhood	(1)
CH DEV 037	Literature for School Age Children	(2)

Total: 9

SKILLS CERTIFICATE IN CHILD DEVELOPMENT: ASSOCIATE TEACHER, PRESCHOOL, SPECIAL EDUCATION EMPHASIS (F)

(Program Code 130522)

This certificate provides emphasis on working with children with special needs. Completion of 12 units meets the minimum education requirements for associate teacher position in private early childhood education programs. The courses also meet requirements for teacher aide positions in federal or state funded early education programs.

Estimated time to complete: 1 year.

COMPLETE THE FOLLOWING 3 REQUIRED COURSES:

CH DEV 001*	Child Growth and Development	3
CH DEV 003	Creative Experiences for Children I	(3)
	OR	
CH DEV 007	Introduction to Curriculum in Early Childhood Education	(3)
CH DEV 011	Child, Family and Community	3

COMPLETE 1 COURSE FROM THE FOLLOWING:

CH DEV 044*	Early Intervention for Children with Special Needs	(3)
CH DEV 045	Programs for Children with Special Needs	(3)

Total: 12

CERTIFICATE OF ACHIEVEMENT IN CHILD DEVELOPMENT: TEACHER

(Program Code 130502, State Code 10761)

With additional general education units and required experience, students will be eligible for Child Development Teacher Permit as defined under Title 5. This permit is required for teacher positions in federal or state-funded early education programs.

Estimated time to complete: 2 years.

COMPLETE THE FOLLOWING 6 REQUIRED COURSES:

CH DEV 001*	Child Growth and Development	3
CH DEV 003	Creative Experiences for Children I	(3)
	OR	
CH DEV 007	Introduction to Curriculum in Early Childhood Education	(3)
CH DEV 011	Child, Family and Community	3
CH DEV 022*	Practicum in Child Development I	4
CH DEV 023*	Practicum in Child Development II	4
ENGLISH 101*	College Reading and Composition I	3

COMPLETE 7-9 UNITS FROM THE FOLLOWING COURSES:

CH DEV 002	Early Childhood: Principles and Practices	(3)
CH DEV 003	Creative Experiences for Children I	(3)
CH DEV 007	Introduction to Curriculum in Early Childhood Education	(3)
CH DEV 010	Health, Safety and Nutrition	(3)
CH DEV 029*	Infant Toddler Practicum	(3)
CH DEV 030*	Infant/Toddler Development	(3)
CH DEV 031*	Infant/Toddler Care and Education	(3)
CH DEV 034*	Observing and Recording Children's Behavior	(3)
CH DEV 035	Fostering Literacy Development in Young Children	(3)
CH DEV 036	Literature for Early Childhood	(1)
CH DEV 037	Literature for School Age Children	(2)
CH DEV 038*	Administration & Supervision of Early Childhood Programs I	(3)
CH DEV 039*	Administration II: Personnel and Leadership in Early Childhood Education	(3)
CH DEV 042	Teaching in a Diverse Society	(3)
CH DEV 044*	Early Intervention for Children with Special Needs	(3)
CH DEV 045	Programs for Children with Special Needs	(3)
CH DEV 047	School Age Programs II	(3)
CH DEV 048	Positive Guidance in Early Childhood Settings	(3)
CH DEV 053	Parenting	(3)

Total: 27-29

*# Cross-listed course. * This course has a prerequisite or corequisite.*

CINEMA

Please also see the Media Arts section for more degree/certificate options.

CINEMA ARTS PRODUCTION (AA)

(Program Code 061220, State Code 02951)

The successful completion of this degree will give students a thorough background in the aesthetics and history of cinema, experience in cinema picture and sound pre-production, production, post production, and advanced filmmaking experience as well as the possibility of an internship in the entertainment field.

COMPLETE THE FOLLOWING 5 REQUIRED COURSES:

CINEMA 105	History of Motion Pictures	3
CINEMA 107	Understanding Motion Pictures	3
CINEMA 125*	Film Production Workshop	3
MEDIART 100	The Entertainment Industry: Breaking In	3
MEDIART 116	Introduction to Screenwriting	3

COMPLETE 1 COURSE FROM EACH LIST:

List A (Select 1 Course)

CINEMA 101	Beginning Film Production	(3)
MEDIART 101*	Introduction to Digital Film Production	(3)

List B (Select 1 Course)

CINEMA 110*	Motion Picture Sound	(3)
MEDIART 110*	Digital Film Sound	(3)

List C (Select 1 Course)

CINEMA 115*	Cinematography	(3)
MEDIART 115*	Digital Cinematography	(3)

List D (Select 1 Course)

CINEMA 120*	Film Editing	(3)
MEDIART 120*	Digital Film Editing	(3)

List E (Select 1 Course)

CINEMA 102	Film Genres	(3)
CINEMA 103	Diversity in Cinema	(3)
CINEMA 104	History of Documentary Film	(3)
CINEMA 106	The Art of Animation and Effects	(3)
CINEMA 111	Developing Content for Movies	(3)
CINEMA 113	History of Animation	(3)
CINEMA 114	Master Filmmakers	(3)
CINEMA 150*	Cinema Internship	(3)
MEDIART103	Digital Imaging and Motion Graphics for Film and Television	(3)
MEDIART 104	Photoshop for Movies and Television	(3)
MEDIART 105*	Visual Effects and Color Grading	(3)
MEDIART 113	Low Budget Producing	(3)
MEDIART 118*	Directing	(3)
MEDIART 129	Mythology, Spirituality and the Art of Story	(3)
MEDIART 130*	Advanced Screenwriting	(3)
MEDIART 131*	Advanced Episodic Writing	(3)

Total: 30

CINEMA ARTS THEORY (AA)

(Program Code 061210, State Code 37295)

The successful completion of this degree will give students a thorough understanding of the aesthetics and history of cinema.

COMPLETE THE FOLLOWING 2 REQUIRED COURSES:

CINEMA 105	History of Motion Pictures	3
CINEMA 107	Understanding Motion Pictures	3

COMPLETE 4 COURSES FROM THE FOLLOWING:

CINEMA 102	Film Genres	(3)
CINEMA 103	Diversity in Cinema	(3)
CINEMA 104	History of Documentary Film	(3)
CINEMA 106	The Art of Animation and Effects	(3)
CINEMA 113	History of Animation	(3)
CINEMA 114	Master Filmmakers	(3)

Total 18

CERTIFICATE REQUIREMENTS:

CERTIFICATE OF ACHIEVEMENT IN CINEMA ARTS THEORY

(Program Code 061200, State Code 31905)

The successful completion of this degree will give students a thorough understanding of the aesthetics and history of cinema.

Estimated time to complete: 1 year.

COMPLETE THE FOLLOWING 2 REQUIRED COURSES:

CINEMA 105	History of Motion Pictures	3
CINEMA 107	Understanding Motion Pictures	3

COMPLETE 4 COURSES FROM THE FOLLOWING:

CINEMA 102	Film Genres	(3)
CINEMA 103	Diversity in Cinema	(3)
CINEMA 104	History of Documentary Film	(3)
CINEMA 106	The Art of Animation and Effects	(3)
CINEMA 113	History of Animation	(3)
CINEMA 114	Master Filmmakers	(3)

Total: 18

*# Cross-listed course. * This course has a prerequisite or corequisite.*

Cinema, *Continued next page*

CERTIFICATE OF ACHIEVEMENT IN CINEMA ARTS PRODUCTION

(Program Code 061221, State Code 21890)

The successful completion of this degree will give students a thorough background in the aesthetics and history of cinema, experience in cinema picture and sound pre-production, production, and post production, and advanced filmmaking experience as well as the possibility of an internship in the entertainment field.

Estimated time to complete: 2 years.

COMPLETE THE FOLLOWING 5 REQUIRED COURSES:

CINEMA 105	History of Motion Pictures	3
CINEMA 107	Understanding Motion Pictures	3
CINEMA 125*	Film Production Workshop	3
MEDIART 100	The Entertainment Industry: Breaking In	3
MEDIART 116	Introduction to Screenwriting	3

COMPLETE 1 COURSE FROM EACH LIST:

List A (Select 1 Course)

CINEMA 101	Beginning Film Production	(3)
MEDIART 101*	Introduction to Digital Film/Video Production	(3)

List B (Select 1 Course)

CINEMA 110*	Motion Picture Sound	(3)
MEDIART 110*	Digital Film Sound	(3)

List C (Select 1 Course)

CINEMA 115*	Cinematography	(3)
MEDIART 115*	Digital Cinematography	(3)

List D (Select 1 Course)

CINEMA 120*	Film Editing	(3)
MEDIART 120*	Digital Film Editing	(3)

List E (Select 1 Course)

CINEMA 102	Film Genres	(3)
CINEMA 103	Diversity in Cinema	(3)
CINEMA 104	History of Documentary Film	(3)
CINEMA 106	The Art of Animation and Effects	(3)
CINEMA 111	Developing Content for Movies	(3)
CINEMA 113	History of Animation	(3)
CINEMA 114	Master Filmmakers	(3)
CINEMA 150*	Cinema Internship	(3)
MEDIART 103	Digital Imaging and Motion Graphics for Film and Television	(3)
MEDIART 104	Photoshop for Movies and Television	(3)
MEDIART 105*	Visual Effects and Color Grading	(3)
MEDIART 113	Low Budget Producing	(3)
MEDIART 118*	Directing	(3)
MEDIART 129	Mythology, Spirituality and the Art of Story	(3)
MEDIART 130*	Advanced Screenwriting	(3)
MEDIART 131*	Advanced Episodic Writing	(3)

Total: 30

COMMUNICATION STUDIES

For the Associate in Arts in Communication Studies for Transfer Degree see page 47.

COMPUTER APPLICATIONS OFFICES TECHNOLOGIES

CAOT: ADMINISTRATIVE ASSISTANT (AA)

(Program Code 051401, State Code 08531)

Students will be prepared for employment using automated systems and procedures. Emphasis is placed on the development of language skills, records management, and the use of computer-based word processing, spreadsheet, database, and accounting software in the performance of office functions. Students are prepared to assume general office duties and decision-making office responsibilities. Students completing this option are prepared for positions such as administrative assistant, executive assistant, word information processor, office manager, and office systems specialist.

COMPLETE THE FOLLOWING 12 REQUIRED COURSES:

CAOT 002	Computer Keyboarding and Document Applications II	3
CAOT 031	Business English	3
CAOT 032	Business Communications	3
CAOT 033	Records Management and Electronic Filing	3
CAOT 037	Introduction to Bookkeeping	3
CAOT 047*	Applied Office Practice	2
CAOT 082	Microcomputer Software Survey in the Office	3
CAOT 084	Microcomputer Office Applications: Word Processing	3
CAOT 085	Microcomputer Office Applications: Spreadsheet	3
CAOT 092	Computer Windows Application	2
CAOT 097	Internet for Business	3
CAOT 108	Presentation Design for the Office	2

COMPLETE 2 COURSES FROM THE FOLLOWING:

CAOT 001	Computer Keyboarding and Document Applications I	(3)
CAOT 043*	Office Procedures	(3)
CAOT 078*	Microcomputer Acctg Applications for the Electronic Office	(3)
CAOT 086	Microcomputer Office Applications: Database	(3)
CAOT 123	Web Design Applications for the Office Professional	(3)
CAOT 124	Introduction to Image Creation for the Office Professional	(3)

Total: 39

*# Cross-listed course. * This course has a prerequisite or corequisite.*

CAOT, *Continued next page*

CAOT: COMPUTER APPLICATIONS SPECIALIST (AA)

(Program Code 051402, State Code 08532)

Students who pursue this option will gain a comprehensive knowledge and understanding of the automated office environment and will be prepared for positions such as: Internet Specialist; Executive Assistant; Administrative Assistant; Office Systems Specialist; or Computer Applications Specialist. Students will develop knowledge and skills in word processing, spreadsheet, database, presentation, and electronic accounting software applications.

COMPLETE THE FOLLOWING 11 REQUIRED COURSES:

CAOT 002	Computer Keyboarding and Document Applications II	3
CAOT 031	Business English	3
CAOT 032	Business Communications	3
CAOT 037	Introduction to Bookkeeping	3
CAOT 078*	Microcomputer Acctg Applications for the Electronic Office	3
CAOT 082	Microcomputer Software Survey in the Office	3
CAOT 084	Microcomputer Office Applications: Word Processing	3
CAOT 085	Microcomputer Office Applications: Spreadsheet	3
CAOT 092	Computer Windows Application	2
CAOT 097	Internet for Business	3
CAOT 108	Presentation Design for the Office	2

COMPLETE 1 COURSE FROM THE FOLLOWING:

CAOT 123	Web Design Applications for the Office Professional	(3)
CAOT 124	Introduction to Image Creation for the Office Professional	(3)

COMPLETE 2 COURSES FROM THE FOLLOWING:

CAOT 001	Computer Keyboarding and Document Applications I	(3)
CAOT 033	Records Management and Filing	(3)
CAOT 043*	Office Procedures	(3)
CAOT 047*	Applied Office Practice	(2)
CAOT 086	Microcomputer Office Applications: Database	(3)
CAOT 123	Web Design Applications for the Office Professional	(3)
CAOT 124	Introduction to Image Creation for the Office Professional	(3)

Total: 39-40

CERTIFICATE REQUIREMENTS:

CERTIFICATE OF ACHIEVEMENT IN CAOT: ADMINISTRATIVE ASSISTANT

(Program Code 051401, State Code 21878)

Students will be prepared for employment using automated systems and procedures. Emphasis is placed on the development of language skills, records management, and the use of computer-based word processing, spreadsheet, database, and accounting software in the performance of office functions. Students are prepared to assume general office duties and decision-making office responsibilities. Students completing this certificate are prepared for positions such as administrative assistant, executive assistant, word information processor, office manager, and office systems specialist.

Estimated time to complete: 1.5 years.

COMPLETE THE FOLLOWING 11 REQUIRED COURSES:

CAOT 002	Computer Keyboarding and Document Applications II	3
CAOT 031	Business English	3
CAOT 032	Business Communications	3
CAOT 033	Records Management and Filing	3
CAOT 047*	Applied Office Practice	2
CAOT 082	Microcomputer Software Survey in the Office	3
CAOT 084	Microcomputer Office Applications: Word Processing	3
CAOT 085	Microcomputer Office Applications: Spreadsheet	3
CAOT 092	Computer Windows Application	2
CAOT 097	Internet for Business	3
CAOT 108	Presentation Design for the Office	2

Total: 30

CERTIFICATE OF ACHIEVEMENT IN CAOT: COMPUTER APPLICATIONS SPECIALIST

(Program Code 051402, State Code 21879)

Students who pursue this certificate will gain a comprehensive knowledge and understanding of the automated office environment and will be prepared for such jobs as internet specialist, executive assistant, administrative assistant, office systems specialist, or computer applications specialist. Students will develop knowledge and skills in word processing, spreadsheet, database, presentation, and electronic accounting software applications. Students completing this certificate are qualified for intermediate positions in an automated office.

Estimated time to complete: 1.5 years.

COMPLETE THE FOLLOWING 10 REQUIRED COURSES:

CAOT 002	Computer Keyboarding and Document Applications II	3
CAOT 031	Business English	3
CAOT 032	Business Communications	3
CAOT 037	Introduction to Bookkeeping	3
CAOT 078*	Microcomputer Accounting Applications for the Electronic Office	3
CAOT 082	Microcomputer Software Survey in the Office	3
CAOT 084	Microcomputer Office Applications: Word Processing	3
CAOT 092	Computer Windows Application	2
CAOT 097	Internet for Business	3
CAOT 108	Presentation Design for the Office	2

COMPLETE 1 COURSE FROM THE FOLLOWING:

CAOT 085	Microcomputer Office Applications: Spreadsheet	(3)
CAOT 086	Microcomputer Office Applications: Database	(3)

COMPLETE 1 COURSE FROM THE FOLLOWING:

CAOT 123	Web Design Applications for the Office Professional	(3)
CAOT 124	Introduction to Image Creation for the Office Professional	(3)

Total: 34

CERTIFICATE OF ACHIEVEMENT IN CAOT: GENERAL OFFICE ASSISTANT

(Program Code 051405, State Code 30499)

The General Office Certificate prepares students for positions in a variety of office settings. This certificate includes courses in rapid and accurate keyboarding, document editing and formatting, word processing, English skills for the office, records management, general office procedures, and an overview of spreadsheet and presentation software applications. Emphasis is placed on the development of keyboarding and language skills to prepare business documents and perform general office tasks. Completion of this program prepares students to qualify for entry-level office positions such as general office workers, clerk-typist, word processors, and office assistants.

Estimated time to complete: 1 year.

COMPLETE THE FOLLOWING 7 REQUIRED COURSES:

CAOT 001	Computer Keyboarding and Document Applications I	3
CAOT 002	Computer Keyboarding and Document Applications II	3
CAOT 031	Business English	3
CAOT 033	Records Management and Filing	3
CAOT 082	Microcomputer Software Survey in the Office	3
CAOT 084	Microcomputer Office Applications: Word Processing	3
CAOT 092	Computer Windows Application	2

COMPLETE 1 COURSE FROM THE FOLLOWING:

CAOT 043*	Office Procedures	(3)
CAOT 047*	Applied Office Practice	(2)

Total: 22-23

CAOT, *Continued next page*

*# Cross-listed course. * This course has a prerequisite or corequisite.*

CERTIFICATE OF ACHIEVEMENT IN COMPUTERIZED BOOKKEEPING

(Program Code 050200, State Code 39152)

This certificate will prepare students to work as bookkeepers, general accounting clerks, or payroll clerks. The graduates will have the skills to maintain payroll, receivables, cash, and payables by journalizing, posting, and transaction recording and reporting.

Estimated time to complete: 1 year.

COMPLETE THE FOLLOWING 6 REQUIRED COURSES:

CAOT 002	Computer Keyboarding and Document Applications II	3
CAOT 032	Business Communication	3
CAOT 037	Introduction to Bookkeeping	3
CAOT 043*	Office Procedures	3
CAOT 078*	Microcomputer Accounting Applications - QuickBooks	3
CAOT 085	Microcomputer Office Applications: Spreadsheet	3

Total: 18

SKILLS CERTIFICATE IN WEBSITE SOFTWARE SPECIALIST

(Program Code 051408)

This certificate is designed for students who want a fast-track course of study that will enable them to enter the job market with Internet and Web design skills. Completion of the program provides students with the skills required by business offices for using the Internet to locate and capture information as well as for creating and maintaining web pages.

Estimated time to complete: 1 year.

COMPLETE THE FOLLOWING 5 REQUIRED COURSES:

CAOT 082	Microcomputer Software Survey in the Office	3
CAOT 092	Computer Windows Application	2
CAOT 097	Internet for Business	3
CAOT 123	Web Design Applications for the Office Professional	3
CAOT 124	Introduction to Image Creation for the Office Professional	3

Total: 14

COMPUTER SCIENCE

All CO SCI and CO INFO courses have been replaced by CS and CIS courses.

COMPUTER SCIENCE (AS)

(Program Code 070711, State Code 02952)

This degree can serve as a basis for further undergraduate education in computer science.

COMPLETE THE FOLLOWING 6 REQUIRED COURSES:

CS 101*	Introduction to Computer Science (Formerly CO SCI 802)	3
CS 117*	Intermediate Programming Using C/C++ (Formerly CO SCI 839)	3
CS 136*	Introduction to Data Structures (Formerly CO SCI 836)	3
CS 150*	Windows and Web Database Programming (Formerly CO SCI 870)	3
CS 216*	Object-Oriented Programming in C++ (Formerly CO SCI 840)	3
CS 236*	Advanced Data Structures and Introduction to Databases (Formerly CO SCI 832)	3

COMPLETE 1 COURSE FROM THE FOLLOWING:

CS 111*	Programming in Visual Basic (Formerly CO SCI 808)	(3)
CS 115*	Programming in C# (Formerly CO SCI 895)	(3)

COMPLETE 12 UNITS FROM THE FOLLOWING COURSES:

CIS 112*	Operating Systems - Beginning Linux (Formerly CO SCI 834)	(3)
CIS 210*	Introduction to Computer Networking (Formerly CO SCI 863)	(3)
CS 111*	Programming in Visual Basic (Formerly CO SCI 808)	(3)
CS 115*	Programming in C# (Formerly CO SCI 895)	(3)
CS 119	Programming in Python (Formerly CO SCI 903)	(3)
CS 130*	Introduction to Computer Architecture and Organization (Formerly CO SCI 816)	(3)
CS 213*	Advanced Programming in Java (Formerly CO SCI 890)	(3)
CS 220*	Advanced Computer Programming (Formerly CO SCI 861)	(3)

Total: 33

CERTIFICATE REQUIREMENTS:

CERTIFICATE OF ACHIEVEMENT IN COMPUTER SCIENCE PROGRAMMING

(Program Code 070712, State Code 30425)

This certificate is designed for students pursuing a Programmer/Analyst position using the C++ programming language, and for employed professionals upgrading their C++ programming skills.

Estimated time to complete: 2 years.

COMPLETE THE FOLLOWING 7 REQUIRED COURSES:

CS 101	Introduction to Computer Science (Formerly CO SCI 802)	3
CS 111*	Programming in Visual Basic (Formerly CO SCI 808)	3
CS 115*	Programming in C# (Formerly CO SCI 895)	3
CS 117*	Intermediate Programming using C/C++ (Formerly CO SCI 839)	3
CS 136*	Introduction to Data Structures (Formerly CO SCI 836)	3
CS 150*	Windows and Web Database Programming (Formerly CO SCI 870)	3
CS 216*	Object-Oriented Programming in C++ (Formerly CO SCI 840)	3

COMPLETE 9 UNITS FROM THE FOLLOWING COURSES:

CIS 112*	Operating Systems - Beginning Linux (Formerly CO SC 834)	(3)
CIS 210*	Introduction to Computer Networking (Formerly CO SCI 863)	(3)
CS 119	Programming in Python (Formerly CO SCI 903)	(3)
CS 213*	Advanced Programming in Java (Formerly CO SCI 890)	(3)
CS 220*	Advanced Computer Programming (Formerly CO SCI 861)	(3)
CS 236*	Advanced Data Structures and Introduction to Databases (Formerly CO SCI 832)	(3)

Total: 30

*# Cross-listed course. * This course has a prerequisite or corequisite.*

Computer Science, *Continued next page*

CERTIFICATE OF ACHIEVEMENT IN CLOUD COMPUTING

(Program Code 070710, State Code 40533)

The Cloud Computing program prepares students to design solutions for infrastructure as a Service (IaaS) architectures by provisioning computing instances, establishing virtual private networks, managing databases and storage within a secure online environment. Students produce dynamic solutions responsive to information and computing technology workloads with on-demand pay-as-you-go pricing allowing flexibility for small business, entrepreneurship and enterprise adoption. Industry certifications are embedded to prepare for occupations in Cloud Architect, Cloud Support Associate, Cloud Engineer or Cloud Technicians. Some preparation in information technology or computer programming is recommended.

Estimated time to complete: 1 year

COMPLETE THE FOLLOWING 6 REQUIRED COURSES:

CIS 101	Introduction to Computers and Their Uses	3
CIS 192	Introduction to Cloud Computing	3
CIS 193	Database Essentials in Amazon Web Services	3
CIS 194	Compute Engines in Amazon Web Services	3
CIS 195	Security in the Cloud	3
CS 119	Programming in Python	3

Total: 18

SKILLS CERTIFICATE IN .NET PROGRAMMING

(Program Code 070801)

This Skills Certificate provides the student with career preparation for entry-level positions in .NET programming. The required courses cover the fundamentals of event-driven Windows programming as well as database and web programming. The time to completion would be four (4) semesters. This Skills Certificate also could be a building block towards the other certificates currently being developed.

Estimated time to complete: 1.5 years.

COMPLETE THE FOLLOWING 4 REQUIRED COURSES:

CS 101*	Introduction to Computer Science (Formerly CO SCI 802)	3
CS 111*	Programming in Visual Basic (Formerly CO SCI 808)	3
CS 115*	Programming in C# (Formerly CO SCI 895)	3
CS 150*	Windows and Web Database Programming (Formerly CO SCI 870)	3

Total: 12

SKILLS CERTIFICATE IN C/C++

(Program Code 070711)

This is a short certificate program that gives the student specific instruction in C/C++.

Estimated time to complete: 2 years.

COMPLETE THE FOLLOWING 4 REQUIRED COURSES:

CS 101*	Introduction to Computer Science (Formerly CO SCI 802)	3
CS 117*	Intermediate Programming using C/C++ (Formerly CO SCI 839)	3
CS 216*	Object-Oriented Programming in C++ (Formerly CO SCI 840)	3
CS 220*	Advanced Computer Programming (Formerly CO SCI 861)	3

Total: 12

SKILLS CERTIFICATE IN MICROCOMPUTER SYSTEMS

(Program Code 093411)

This certificate is designed to give the electronics student additional exposure to computer science. The certificate can lead to positions such as Microcomputer Systems Technician.

Estimated time to complete: 1 year.

COMPLETE THE FOLLOWING 4 REQUIRED COURSES:

CIS 104	Microcomputer Application Software (Formerly CO SCI 830)	3
ELECTRN 002	Introduction to Electronics	3
ELECTRN 054	Computer Logic	4
ELECTRN 109	Computer Hardware	4

Total: 14

EARTH SCIENCE

EARTH SCIENCE (AS)

(Program Code 193001, State Code 08561)

This degree is awarded to students who have a broad interest in the areas of physical, earth, and applied sciences or specialized technical areas such as mapping, Geographic Information Systems, Global Positioning System, geo-spatial analysis, and remote sensing. Students will learn to apply the scientific inquiry process to problem solving and demonstrate knowledge of and recognize the processes that explain natural phenomena.

COMPLETE THE FOLLOWING 4 REQUIRED COURSES:

ASTRON 001	Elementary Astronomy	3
ENV SCI 001	Introduction to Environmental Science	3
GEOLOGY 001	Physical Geology	3
OCEANO 001	Introduction to Oceanography	3

COMPLETE 6 UNITS FROM THE FOLLOWING COURSES:

(A LAB COURSE CANNOT APPLY UNLESS THE CORRESPONDING LECTURE COURSE IS ALSO TAKEN)

CHEM 068*	Preparation for General Chemistry	(5)
CHEM 101*	General Chemistry I	(5)
CHEM 102*	General Chemistry II	(5)
GEOG 001	Physical Geography	(3)
GEOG 003#	Introduction to Weather and Climate	(3)
GEOG 015*	Physical Geography Laboratory	(2)
GEOLOGY 006*	Physical Geology Laboratory	(1)
MATH 227*	Statistics	(4)
PHYSICS 037*	Physics for Engineers and Scientists I	(5)
PHYSICS 038*	Physics for Engineers and Scientists II	(5)
PHYSICS 039*	Physics for Engineers and Scientists III	(5)
STAT 101*	Statistics for the Social Sciences	(4)

Total: 18

*# Cross-listed course. * This course has a prerequisite or corequisite.*

ECONOMICS

For the Associate in Arts in Economics for Transfer Degree see page 48.

ECONOMICS (AA)

(Program Code 220400, State Code 02984)

Economics is a social science that deals with allocation of scarce resources among competing alternatives. It analyzes the decisions of production, distribution and consumption of goods and services under the conditions of scarcity and other constraints. Today, analytical method of economics is applied to education, family, business, finance (personal and corporate) crime, health, law, politics, religion, social institutions, war and science. This degree closely mirrors lower-division major preparation requirements for economics and business majors at many CSUs.

COMPLETE THE FOLLOWING 2 REQUIRED COURSES:

ECON 001*	Principles of Economics I	3
ECON 002*	Principles of Economics II	3

COMPLETE 1 COURSE FROM THE FOLLOWING:

MATH 238*	Calculus for Business and Social Science I	(5)
MATH 245*	College Algebra	(3)
MATH 261*	Calculus I	(5)

COMPLETE 1 COURSE FROM THE FOLLOWING:

ACCTG 001	Introductory Accounting I	(5)
MATH 227*	Statistics	(4)
MATH 262*	Calculus II	(5)

COMPLETE 1 COURSE FROM THE FOLLOWING FOR A MINIMUM OF 18 UNITS:

ACCTG 001	Introductory Accounting I	(5)
ACCTG 002*	Introductory Accounting II	(5)
CIS 101	Introduction to Computers and their Uses	(3)
ECON 030	Comparative Economic Systems	(3)
ECON 040	History of Economic Thought	(3)
ECON 050	Principles of Financial Economics	(3)
MATH 227*	Statistics	(4)
MATH 238*	Calculus for Business and Social Science I	(5)
MATH 261*	Calculus I	(5)
MATH 262*	Calculus II	(5)
PHILOS 009	Symbolic Logic I	(3)
STAT 101*	Statistics for the Social Sciences	(4)

Total: 18-21

ELECTRONICS

ELECTRONICS (AS)

(Program Code 093400, State Code 02955)

This degree can serve as a basis for further study in electronics-related fields. Students intending to transfer in Electrical Engineering majors might consider the Engineering degree.

COMPLETE THE FOLLOWING 6 REQUIRED COURSES:

ELECTRN 002	Introduction to Electronics	3
ELECTRN 004*	Fundamentals of Electronics I	4
ELECTRN 006*	Fundamentals of Electronics II	4
ELECTRN 020*	Electronics Circuits I	4
ELECTRN 022*	Electronics Circuits II	4
ELECTRN 054	Computer Logic	4

Total: 23

ELECTRONICS: BIOMEDICAL INSTRUMENTATION (AS)

(Program Code 093460, State Code 02957)

This degree prepares the student to work in hospitals and for equipment manufacturers as a technician to repair and maintain a wide variety of electronic apparatus used in the medical field.

COMPLETE THE FOLLOWING 8 REQUIRED COURSES:

ELECTRN 002	Introduction to Electronics	3
ELECTRN 004*	Fundamentals of Electronics I	4
ELECTRN 006*	Fundamentals of Electronics II	4
ELECTRN 020*	Electronic Circuits I	4
ELECTRN 034	Introduction to Biomedical Electronics	3
ELECTRN 036*	Biophysical Measurements I	4
ELECTRN 038*	Biophysical Measurements II	4
ELECTRN 054	Computer Logic	4

COMPLETE 2 COURSES FROM THE FOLLOWING:

ELECTRN 022*	Electronic Circuits II	(4)
ELECTRN 113	Computer Networking	(3)
ELECTRN 941	Cooperative Education-Electronics	(4)

Total: 37-38

CERTIFICATE REQUIREMENTS:

SKILLS CERTIFICATE IN A+/NET+ CERTIFICATION PREPARATION

(Program Code 070800)

The three-course sequence required for this certificate prepares students for the nationally recognized A+ Certification Examination. Upon completion of the three courses, the student is eligible to receive an A+ Certificate Preparation Certificate. Students must take and pass the two-part examination offered by the Computing Technology Industry Association (Comp TIA) to earn the official A+ Certificate.

Estimated time to complete: 1 year.

COMPLETE THE FOLLOWING 3 REQUIRED COURSES:

ELECTRN 054	Computer Logic	4
ELECTRN 109	Computer Hardware	4
ELECTRN 113	Computer Networking	3

Total: 11

*# Cross-listed course. * This course has a prerequisite or corequisite.*

Electronics, *Continued next page*

CERTIFICATE OF ACHIEVEMENT IN ELECTRONICS: BIOMEDICAL INSTRUMENTATION

(Program Code 093460, State Code 21893)

This certificate prepares the student to work in an entry-level position as a technician to repair and maintain a variety of electronic apparatus used in the medical field. Some of these positions are: Biomedical Equipment Technician (BMET); Field Service Engineer; Medical Equipment Sales Engineer; Clinical Laboratory Technician; and R & D Technician. The certificate can be the basis for continued study and attainment of an associate degree.

Estimated time to complete: 2 years.

COMPLETE THE FOLLOWING 8 REQUIRED COURSES:

ELECTRN 002	Introduction to Electronics	3
ELECTRN 004*	Fundamentals of Electronics I	4
ELECTRN 006*	Fundamentals of Electronics II	4
ELECTRN 020*	Electronic Circuits I	4
ELECTRN 034	Introduction to Biomedical Electronics	3
ELECTRN 036*	Biophysical Measurements I	4
ELECTRN 038*	Biophysical Measurements II	4
ELECTRN 054	Computer Logic	4

COMPLETE 1 COURSE FROM THE FOLLOWING:

ELECTRN 022*	Electronic Circuits II	(4)
ELECTRN 113	Computer Networking	(3)
ELECTRN 941	Cooperative Education-Electronics	(4)

Total: 33-34

CERTIFICATE OF ACHIEVEMENT IN ELECTRONICS TECHNICIAN

(Program Code 093402, State Code 10758)

This certificate leads to positions such as: Electronics Technician; Field Service Technician; Field Service Engineer; Test Technician; Flight-line Technician; Broadcast Technician; Quality Control Technician; and Electronics Manufacturers Technician.

Estimated time to complete: 2 years.

COMPLETE THE FOLLOWING 8 REQUIRED COURSES:

ELECTRN 002	Introduction to Electronics	3
ELECTRN 004*	Fundamentals of Electronics I	4
ELECTRN 006*	Fundamentals of Electronics II	4
ELECTRN 020*	Electronics Circuits I	4
ELECTRN 022*	Electronics Circuits II	4
ELECTRN 034	Introduction to Biomedical Electronics	3
ELECTRN 054	Computer Logic	4
ELECTRN 109	Computer Hardware	4

COMPLETE 1 COURSE FROM THE FOLLOWING:

ELECTRN 036*	Biophysical Measurements I	(4)
ELECTRN 038*	Biophysical Measurements II	(4)
ELECTRN 113	Computer Networking	(3)

Total: 33-34

CERTIFICATE OF ACHIEVEMENT IN ELECTRONICS TECHNOLOGY

(Program Code 093401, State Code 10757)

The Electronics Technology Certificate can lead to positions such as: Entry-level Electronics Technician; Electronics Assembler Technician; Electronics Supply Salesperson; and Test Technician Trainee.

Estimated time to complete: 1 year.

COMPLETE THE FOLLOWING 5 REQUIRED COURSES:

ELECTRN 002	Introduction to Electronics	3
ELECTRN 004*	Fundamentals of Electronics I	4
ELECTRN 006*	Fundamentals of Electronics II	4
ELECTRN 020*	Electronic Circuits I	4
ELECTRN 054	Computer Logic	4

Total: 19

ENGINEERING

ENGINEERING (AS)

(Program Code 090100, State Code 02954)

The AS Degree in Engineering, is designed to prepare students with the goal of transfer. The Engineering degree at a 4-year college is a high-unit major, and it may not be possible to satisfy all lower-division major requirements prior to transfer. Students interested in mechanical, electrical, or civil engineering are candidates for this degree.

COMPLETE THE FOLLOWING 6 REQUIRED COURSES:

ARC 172	Architectural Drawing I	3
ENG GEN 101	Introduction to Science, Engineering, and Technology	2
ENG GEN 131*	Statics	3
ENG GEN 151*	Materials of Engineering	3
MATH 261*	Calculus I	5
T & M 031	Machine Shop Practice II	3

Total: 19

ENGLISH

For the Associate in Arts in English for Transfer Degree see page 49.

*# Cross-listed course. * This course has a prerequisite or corequisite.*

ENGLISH AS A SECOND LANGUAGE

CERTIFICATE REQUIREMENTS:

CERTIFICATE OF ACHIEVEMENT IN ADVANCED ESL MILESTONE - PATHWAY TO BROADCASTING

(Program Code 493087, State Code 40793)

The Advanced ESL Milestone - Pathway to Broadcasting program prepares English Language learners (ELLs) for the academic rigors of degree-applicable coursework and enables students to achieve success in an introductory course in Broadcasting. Students completing this certificate will achieve academic English reading, writing, listening and speaking skills at an advanced, post-secondary level; they will also document their college-level research and college preparedness skills. These elements combine to demonstrate significant achievement of a milestone along their pathway toward a degree or certificate in Broadcasting.

COMPLETE THE FOLLOWING 8 REQUIRED COURSES:

BRDCSTG 001	Fundamentals of Television and Radio Broadcasting	3
BRDCSTG 022-1	Introductory Radio/Television Activities	1
COLLEGE 101	Navigating Your Path Through College to Career	1
E.S.L. 006A*	College ESL VI: Writing and Grammar	6
E.S.L. 006B	College ESL VI: Reading and Vocabulary	3
E.S.L. 008*	Advanced ESL Composition	6
ESL 006C	College ESL VI: Listening and Speaking	3
LIB SCI 101	College Research Skills	1

Total: 24

CERTIFICATE OF ACHIEVEMENT IN ADVANCED ESL MILESTONE - PATHWAY TO CINEMA/MEDIA ARTS

(Program Code 493087, State Code 40794)

The Advanced ESL Milestone - Pathway to Cinema/Media Arts program prepares English Language learners (ELLs) for the academic rigors of degree-applicable coursework and enables students to achieve success in an introductory course in Pathway to Cinema/Media Arts. Students completing this certificate will achieve academic English reading, writing, listening and speaking skills at an advanced, post-secondary level; they will also document their college-level research and college preparedness skills. These elements combine to demonstrate significant achievement of a milestone along their pathway to a degree or certificate in Cinema/Media Arts.

COMPLETE THE FOLLOWING 8 REQUIRED COURSES:

COLLEGE 101	Navigating Your Path Through College to Career	1
COUNSEL 004	Career Planning	1
E.S.L. 006A*	College ESL VI: Writing and Grammar	6
E.S.L. 006B	College ESL VI: Reading and Vocabulary	3
E.S.L. 008*	Advanced ESL Composition	6
ESL 006C	College ESL VI: Listening and Speaking	3
LIB SCI 101	College Research Skills	1
MEDIART 100	The Entertainment Industry: Breaking In	3

Total: 24

CERTIFICATE OF ACHIEVEMENT IN ADVANCED ESL MILESTONE - PATHWAY TO MUSIC

(Program Code 493087, State Code 40871)

The Advanced ESL Milestone - Pathway to Music program prepares English Language learners (ELLs) for the academic rigors of degree-applicable coursework and enables students to achieve success in an introductory course in Music. Students completing this certificate will achieve academic English reading, writing, listening and speaking skills at an advanced, post-secondary level; they will also document their college-level research and college-preparedness skills. These elements combine to demonstrate significant achievement of a milestone along their pathway to a degree or certificate in Music.

COMPLETE THE FOLLOWING 8 REQUIRED COURSES:

COLLEGE 101	Navigating Your Path Through College to Career	1
COUNSEL 004	Career Planning	1
E.S.L. 006A*	College ESL VI: Writing and Grammar	6
E.S.L. 006B	College ESL VI: Reading and Vocabulary	3
E.S.L. 008*	Advanced ESL Composition	6
ESL 006C	College ESL VI: Listening and Speaking	3
LIB SCI 101	College Research Skills	1
MUSIC 101	Fundamentals of Music	3

Total: 24

CERTIFICATE OF ACHIEVEMENT IN ESL MILESTONE - PATHWAY TO ENVIRONMENTAL SCIENCE

(Program Code 493087, State Code 40989)

The ESL Milestone - Pathway to Environmental Science program prepares English Language learners (ELLs) for the academic rigors of degree-applicable coursework and enables them to achieve success in an introductory course in Environmental Science. Students completing this certificate will achieve academic English reading, writing, listening and speaking skills at an advanced, post-secondary level; they will also document their college-preparedness skills. These elements combine to demonstrate significant achievement of a milestone along their pathway to a degree or certificate in one of the Science, Technology, Engineering, and Math majors.

YEAR 1

COMPLETE THE FOLLOWING 6 REQUIRED COURSES:

E.S.L. 004A*	College ESL IV: Writing and Grammar	6
E.S.L. 004B	College ESL IV: Reading and Vocabulary	3
E.S.L. 005A*	College ESL V: Writing and Grammar	6
E.S.L. 005B	College ESL V: Reading and Vocabulary	3
ESL 004C	College ESL IV: Listening and Speaking	3
ESL 005C	College ESL V: Listening and Speaking	3

YEAR 2

COMPLETE THE FOLLOWING 6 REQUIRED COURSES:

COUNSEL 020	Post-Secondary Education: The Scope of Career Planning	3
E.S.L. 006A*	College ESL VI: Writing and Grammar	6
E.S.L. 006B	College ESL VI: Reading and Vocabulary	3
E.S.L. 008*	Advanced ESL Composition	6
ENV SCI 001	Introduction to Environmental Science	3
ESL 006C	College ESL VI: Listening and Speaking	3

Total: 48

*# Cross-listed course. * This course has a prerequisite or corequisite.*

ESL, *Continued next page*

CERTIFICATE OF ACHIEVEMENT IN ESL MILESTONE - PATHWAY TO LANGUAGE ARTS/SPOKEN COMMUNICATION

(Program Code 493087, State Code 39583)

The ESL Milestone Certificate program is designed to prepare English Language learners (ELLs) for the academic rigor of degree-applicable coursework in various Guided Pathways Career and Academic Pathways. Students completing these certificates have achieved academic English listening and speaking skills at an advanced, post-secondary level; they have also achieved success in prerequisite or introductory coursework in a variety of degree, certificate, or general education pathways. These two elements combine to demonstrate significant achievement of a milestone along their pathways to degrees, certificates, or transfer.

COMPLETE THE FOLLOWING 4 REQUIRED COURSES:

ESL 006C	College ESL VI: Listening and Speaking	3
E.S.L. 006A*	College ESL VI: Writing and Grammar	6
E.S.L. 008*	Advanced ESL Composition	6
COMM 101	Public Speaking	(3)
	OR	
COMM 102	Oral Communication II	(3)

COMPLETE 1 COURSE FROM THE FOLLOWING:

COUNSEL 001	Introduction to College	(1)
LIB SCI 101	College Research Skills	(1)

Total: 19

CERTIFICATE OF ACHIEVEMENT IN ESL MILESTONE PATHWAY TO LANGUAGE ARTS/WRITTEN COMMUNICATION

(Program Code 493087, State Code 39584)

The Guided Pathways ESL Milestone Certificate program is designed to prepare English Language learners (ELLs) for the academic rigor of degree-applicable coursework in various Guided Pathways Career and Academic Pathways. Students completing these certificates have achieved academic English reading and writing skills at an advanced, post-secondary level; they have also achieved success in prerequisite or introductory coursework in a variety of degree, certificate, or general education pathways. These two elements combine to demonstrate significant achievement of a milestone along their pathways to degrees, certificates, or transfer.

COMPLETE THE FOLLOWING 4 REQUIRED COURSES:

E.S.L. 006B	College ESL VI: Reading and Vocabulary	3
E.S.L. 006A*	College ESL VI: Writing and Grammar	6
E.S.L. 008*	Advanced ESL Composition	6
ENGLISH 101	College Reading and Composition	3

COMPLETE 1 COURSE FROM THE FOLLOWING:

COUNSEL 001	Introduction to College	(1)
LIB SCI 101	College Research Skills	(1)

Total: 19

ETHNIC STUDIES

ETHNIC STUDIES (AA)

(Program Code 220300, State Code 02983)

An Associate degree in Ethnic Studies provides students with theoretical frameworks through which they are able to explore, examine, and analyze the study of a wide array of ethnic groups in the United States. Students will build skills in communicating with diverse audiences and examining multiple sources of information and data. This degree equips students to enter a multi-ethnic workforce, and more effectively work toward social justice.

COMPLETE THE FOLLOWING 6 REQUIRED COURSES:

AFRO AM 004	The African American in the History of the U.S. I	3
AFRO AM 005	The African American in the History of the U.S. II	3
CHICANO 007	The Mexican-American in the History of the United States I	3
CHICANO 008	The Mexican-American in the History of the United States II	3
JEWISH 001	The Jew in America	3
JEWISH 025	The History of the Jewish People	3

COMPLETE 2 COURSES FROM THE FOLLOWING:

AFRO AM 002	The African American in Contemporary Urban Society	(3)
AFRO AM 020	African-American Literature I	(3)
CHICANO 002	The Mexican-American in Contemporary Society	(3)
CHICANO 044#	Mexican Civilization	(3)
HISTORY 020	History of California and the Pacific Coast	(3)
JEWISH 002	The Jewish Religious Heritage	(3)
JEWISH 010#	Hebrew Civilization II	(3)
JEWISH 027	Holocaust: A Prototype of Genocide	(3)
SOC 002	American Social Problems	(3)
SOC 011	Race and Ethnic Relations	(3)

Total: 24

FIRE TECHNOLOGY

FIRE TECHNOLOGY (AS)

(Program Code 213300, State Code 02981)

Students earning the Fire Technology AS Degree have obtained skills for entry-level and promotional employment in the fire services. This degree can lead to positions such as: Fire Fighter, Forest Fire Fighter, Fire Inspector, and Arson Investigator.

COMPLETE THE FOLLOWING 5 REQUIRED COURSES:

FIRETEK 201	Fire Protection Organization	3
FIRETEK 202	Fire Prevention	3
FIRETEK 203	Fire Protection Equipment and Systems	3
FIRETEK 204	Building Construction for Fire Protection	3
FIRETEK 205	Fire Behavior and Combustion	3

COMPLETE 1 COURSE FROM THE FOLLOWING:

FIRETEK 027	Wildland Firefighter	(4)
FIRETEK 096*	Emergency Medical Technician	(8)

Total: 19-23

*# Cross-listed course. * This course has a prerequisite or corequisite.*

Fire Technology, *Continued next page*

CERTIFICATE REQUIREMENTS:

CERTIFICATE OF ACHIEVEMENT IN FIRE TECHNOLOGY

(Program Code 213300, State Code 21901)

The Certificate of Achievement is designed for students desiring to complete the "core" curriculum of the discipline in order to prepare for entry-level or promotional employment positions within the Fire Service. This certificate can lead to positions such as: Fire Fighter, Forest Fire Fighter, Fire Inspector, and Arson Investigator. The classes included in the certificate are also the five "core" classes that are required for the Associate degree in Fire Technology.

Estimated time to complete: 1.5 years.

COMPLETE THE FOLLOWING 6 REQUIRED COURSES:

ADM JUS 911	Cooperative Education - Administration of Justice	1
FIRETEK 201	Fire Protection Organization	3
FIRETEK 202	Fire Prevention	3
FIRETEK 203	Fire Protection Equipment and Systems	3
FIRETEK 204	Building Construction for Fire Protection	3
FIRETEK 205	Fire Behavior and Combustion	3

Total: 16

FOREIGN LANGUAGES

FOREIGN LANGUAGES (AA)

(Program Code 110100, State Code 02964)

This degree is an alternative to the individual language majors of French, German, Italian, and Spanish, and is especially suitable for those students with prior instruction in a foreign language. The student must complete Semester 4 or higher in a primary language, demonstrating effective skills in the four major areas of language study (reading, writing, speaking, and listening comprehension) in that language, as well as cultural proficiency. The student must also complete two sequential courses in a secondary language, demonstrating a minimum of advanced elementary language and cultural knowledge in that language.

REQUIRED COURSES:

Semester 4 or higher in a primary language		5
Two classes in a sequence in a secondary language		10
LING 001	Introduction to Language and Linguistics	3

Total: 18

FRENCH

FRENCH (AA)

(Program Code 110200, State Code 02965)

This degree provides a solid foundation in the study of French and will enable students to demonstrate effective skills in the four major areas of language study (reading, writing, speaking, listening comprehension). Students will examine the historical and cultural heritage of various French-speaking nations, and understand the role that they play in the global society. This degree can provide the basis for further undergraduate education in modern languages, humanities, cultural and global studies.

COMPLETE 3-4 COURSES FROM THE FOLLOWING:

FRENCH 001	Elementary French I	(5)
FRENCH 002*	Elementary French II	(5)
FRENCH 003*	Intermediate French I	(5)
FRENCH 004*	Intermediate French II	(5)
FRENCH 005*	Advanced French I	(5)
FRENCH 006*	Advanced French II	(5)
FRENCH 021	Fundamentals of French I	(3)
FRENCH 022*	Fundamentals of French II	(3)

3-5 UNITS CHOSEN FROM THE FOLLOWING FOR A MINIMUM OF 18 UNITS:

FRENCH 010	French Civilization	(3)
FRENCH 025	French & Francophone Short Story in Translation	(3)
FRENCH 063*	Intermediate French Conversation I	(2)
FRENCH 064*	Intermediate French Conversation II	(2)
FRENCH 066*	Advance French Conversation I	(2)
LING 001	Introduction to Language and Linguistics	(3)

Total: 18-21

*# Cross-listed course. * This course has a prerequisite or corequisite.*

GENERAL STUDIES

Students planning to transfer are cautioned that the curriculum for each of the options below may not provide for completion of the lower-division requirements for transfer. Students should consult with a counselor for specific information regarding an intended major if transfer is a goal.

GENERAL STUDIES: ARTS (AA)

(Program Code 490103, State Code 18169)

This program represents a broad based degree in the arts. The courses emphasize analysis and appreciation of art in terms of historical perspectives, aesthetic, and cultural importance.

REQUIREMENTS

Complete at least 18 units of coursework listed below plus one additional course from the performance/studio area.

COMPLETE 6 COURSES FROM THE FOLLOWING:

ART 101	Survey of Art History I	(3)
ART 102	Survey of Art History II	(3)
ART 103	Art Appreciation I	(3)
ART 105	History of Asian Art	(3)
ART 109	The Arts of Africa, Oceania, and Ancient America	(3)
ART 115	History of Modern Art	(3)
ART 116	History of Women and Art	(3)
ART 125	History of Photography I	(3)
BRDCSTG 026	TV-Film Aesthetics	(3)
CINEMA 102	Film Genres	(3)
CINEMA 103	Diversity in Cinema	(3)
CINEMA 104	History of Documentary Film	(3)
CINEMA 105	History of Motion Pictures	(3)
CINEMA 107	Understanding Motion Pictures	(3)
DANCEST 805	History and Appreciation of Dance	(3)
HUMAN 003	The Arts of Contemporary Society	(3)
MUSIC 101	Fundamentals of Music	(3)
MUSIC 111	Music Appreciation I	(3)
MUSIC 121*	Music History and Literature I	(3)
MUSIC 122*	Music History and Literature II	(3)
MUSIC 136	Music in American Culture	(3)
MUSIC 141	Jazz Appreciation	(3)
THEATER 100	Introduction to the Theater	(3)
THEATER 110	History of the World Theater	(3)
THEATER 112	History of World Theater II	(3)

COMPLETE 1 COURSE FROM THE FOLLOWING:

ART 201	Drawing I	(3)
ART 204*	Life Drawing I	(3)
ART 501	Beginning Two-Dimensional Design	(3)
ART 600	Typography I	(3)
ART 604*	Graphic Design I	(3)
ART 700	Introduction to Sculpture	(3)
ART 708	Introduction to Ceramics	(3)
CINEMA 101*	Beginning Film Production	(3)
DANCEST 801	Modern Dance I	(3)
MUSIC 321	Elementary Piano I	(2)
MUSIC 411	Elementary Voice I	(2)
MUSIC 650	Beginning Guitar	(2)
MUSIC 651	Classical Guitar I	(2)
THEATER 270	Beginning Acting	(3)

Total: 20-21

GENERAL STUDIES: NATURAL SCIENCE (AA)

(Program Code 490104, State Code 18170)

This program represents a broad based degree in the natural sciences. These courses examine the physical universe, its life forms, and its natural phenomena. Emphasis is placed on students using methodologies of science as an investigative tool.

REQUIREMENTS

Complete 18 units of coursework listed below with at least one course from the Physical Sciences and at least one from the Biological Sciences. At least one course requiring laboratory work must be completed. Lab courses, marked by the symbol ‡, cannot apply unless the lecture courses that are their prerequisite or corequisite are also taken.

PHYSICAL SCIENCES (COMPLETE AT LEAST 1 COURSE)

ASTRON 001	Elementary Astronomy	(3)
ASTRON 005‡*	Fundamentals of Astronomy Laboratory	(1)
CHEM 051	Fundamentals of Chemistry I	(5)
CHEM 068*	Preparation for General Chemistry	(5)
CHEM 101*	General Chemistry I	(5)
CHEM 102*	General Chemistry II	(5)
ENV SCI 001	Introduction to Environmental Science	(3)
ENV SCI 007#	Introduction to Environmental Geology	(3)
ENV SCI 022*	Environmental Science Laboratory	(2)
GEOG 001	Physical Geography	(3)
GEOG 003#	Introduction to Weather and Climate	(3)
GEOG 015‡*	Physical Geography Laboratory	(2)
GEOG 017	Physical Geography and Laboratory	(5)
GEOLOGY 001	Physical Geology	(3)
GEOLOGY 006‡*	Physical Geology Laboratory	(1)
GEOLOGY 010#	Introduction to Environmental Geology	(3)
OCEANO 001	Introduction to Oceanography	(3)
OCEANO 010‡*	Physical Oceanography Laboratory	(1)
PHYS SC 001	Physical Science I	(3)
PHYS SC 014‡*	Physical Science Laboratory	(1)
PHYSICS 006*	General Physics I	(4)
PHYSICS 007*	General Physics II	(4)
PHYSICS 037*	Physics for Engineers and Scientists I	(5)
PHYSICS 038*	Physics for Engineers and Scientists II	(5)

BIOLOGICAL SCIENCES (COMPLETE AT LEAST ONE COURSE)

ANATOMY 001*	Introduction to Human Anatomy	(4)
ANTHRO 101	Human Biological Evolution	(3)
ANTHRO 111‡*	Laboratory in Human Biological Evolution	(1)
BIOLOGY 003	Introduction to Biology	(4)
BIOLOGY 006*	General Biology I	(5)
BIOLOGY 007*	General Biology II	(5)
BIOLOGY 022	Marine Biology	(4)
BIOLOGY 040*	The Science of Biotechnology	(3)
MICRO 020*	General Microbiology	(4)
PHYSIOL 001*	Introduction to Human Physiology	(4)
PSYCH 002*	Biological Psychology	(3)

Total: 18

*# Cross-listed course. * This course has a prerequisite or corequisite.*

General Studies, *Continued next page*

GENERAL STUDIES: SOCIAL AND BEHAVIORAL SCIENCE (AA)

(Program Code 490105, State Code 18171)

This program represents a broad based degree in the social and behavioral sciences. These courses emphasize the perspective, concepts, theories and methodologies of the discipline typically found in the vast variety of disciplines that comprise study in the social and behavioral sciences. Students will study about themselves and others as members of a larger society.

REQUIREMENTS

Complete 18 units of coursework from the list below. 12 units must be from the Social and Behavioral Science category; 3 units must be from the American Institutions category; and 3 additional units may be from either category.

SOCIAL AND BEHAVIORAL SCIENCES:

COMPLETE AT LEAST 4 COURSES FROM THE FOLLOWING:

ANTHRO 102	Human Ways of Life: Cultural Anthropology	(3)
ANTHRO 103	Archaeology: Reconstructing the Human Past	(3)
ANTHRO 104	Human Language and Communication	(3)
BRDCSTG 001	Fundamentals of Television and Radio Broadcasting	(3)
CHICANO 007	The Mexican-American in the History of The United States I	(3)
CH DEV 001*	Child Growth and Development	(3)
CH DEV 042	Teaching in a Diverse Society	(3)
COMM 122	Intercultural Communication	(3)
ECON 001*	Principles of Economics I	(3)
ECON 002*	Principles of Economics II	(3)
ECON 030	Comparative Economic Systems	(3)
ECON 040	History of Economic Thought	(3)
ECON 060	Economics and the Environment	(3)
ENVSTDS 101	Introduction to Environmental Studies	(3)
GEOG 002	Cultural Elements of Geography	(3)
GEOG 009	People and the Earth's Ecosystem	(3)
GEOG 014	Geography of California	(3)
GEOG 045	Food and Culture	(3)
HISTORY 001	Introduction to Western Civilization I	(3)
HISTORY 002	Introduction to Western Civilization II	(3)
HISTORY 086	Introduction to World Civilization I	(3)
HUMAN 006	Great People, Great Ages	(3)
HUMAN 008	Great Women in the Humanities	(3)
JEWISH 025	The History of the Jewish People	(3)
JOURNAL 105	Mass Communications	(3)
LAW 003	Civil Rights and the Law	(3)
POL SCI 002	Introduction to Comparative Politics	(3)
POL SCI 005	The History of Western Political Thought	(3)
POL SCI 007	Contemporary World Affairs	(3)
PSYCH 001	General Psychology I	(3)
PSYCH 011*	Child Psychology	(3)
PSYCH 012*	Adolescent Psychology	(3)
PSYCH 013*	Social Psychology	(3)
PSYCH 014*	Abnormal Psychology	(3)
PSYCH 041*	Life-Span Psychology: From Infancy to Old Age	(3)
SOC 001	Introduction to Sociology	(3)
SOC 002	American Social Problems	(3)
SOC 003	Crime and Delinquency	(3)
SOC 004	Sociological Analysis	(3)
SOC 011	Race and Ethnic Relations	(3)
SOC 012	Marriage and Family Life	(3)
SOC 021	Human Sexuality	(3)
SOC 025	Drugs and Culture	(3)
SOC 031	Sociology of Gender	(3)

AMERICAN INSTITUTIONS:

COMPLETE AT LEAST ONE COURSE FROM THE FOLLOWING:

AFRO AM 004	The African American in the History of the U.S. I	(3)
AFRO AM 005	The African American in the History of the U.S. II	(3)
CHICANO 008	The Mexican-American in the History of the United States II	(3)
ECON 010	Economic History of the United States	(3)
HISTORY 005	History of the Americas I	(3)
HISTORY 006	History of the Americas II	(3)
HISTORY 011	Political and Social History of the United States to 1877	(3)
HISTORY 012	Political and Social History of the United States from 1865	(3)
HISTORY 020	History of the California and the Pacific Coast	(3)
POL SCI 001	The Government of the United States	(3)

Total: 18

CERTIFICATE REQUIREMENTS:

CERTIFICATE OF ACHIEVEMENT IN CSU GENERAL EDUCATION BREADTH

(Program Code 490112, State Code 17958)

The Certificate of Achievement in CSU Breadth is intended for students who will transfer to a CSU. Completion of the pattern of courses will satisfy lower-division general education requirements at any CSU. However, completion of the Certificate requirements is not an admission requirement nor does it guarantee admission to a CSU. Consult a Valley College counselor before taking courses outside Valley College to be used on this CSU general education plan, particularly if taking courses elsewhere in the LA College District. Every community college may apply its courses differently on general education, even if the course has the same course number and title.

REQUIRED COURSES:

Complete each area required for CSU Certification as indicated on pages 32-34.

Total: 39

CERTIFICATE OF ACHIEVEMENT IN INTERSEGMENTAL GENERAL EDUCATION TRANSFER (IGETC)

(Program Code 490113, State Code 17959)

The Certificate of Achievement in Intersegmental General Education Transfer Curriculum (IGETC) is intended for students who will transfer to a UC or CSU. Completion of the pattern of courses will satisfy lower-division general education requirements. However, completion of the Certificate requirements is not an admission requirement nor does it guarantee admission to a UC or CSU.

REQUIRED COURSES:

Complete each area required for certification of IGETC completion as indicated on pages 27-29.

Total: 37-39

*# Cross-listed course. * This course has a prerequisite or corequisite.*

GEOGRAPHY

For the Associate in Arts in Geography for Transfer Degree see page 50.

GEOGRAPHY (AA)

(Program Code 220600, State Code 02986)

This degree provides a spatially-focused and integrative approach to the study of the Earth, the environment, and human/environment interaction at local, regional and global scales. The AA degree in Geography may prepare you for career specializations including global studies/globalization, human population growth and development studies, environmental policy, pollution, global warming, and urbanization.

COMPLETE THE FOLLOWING 4 REQUIRED COURSES:

GEOG 001	Physical Geography	3
GEOG 002	Cultural Elements of Geography	3
GEOG 003#	Introduction to Weather and Climate	3
GEOG 015*	Physical Geography Laboratory	2

COMPLETE 3 COURSES FROM THE FOLLOWING:

GEOG 009	People and the Earth's Ecosystem	(3)
GEOG 014	Geography of California	(3)
GEOG 030	Managing Natural Resources	(3)
GEOG 045	Food and Culture	(3)
GEOLOGY 001	Physical Geology	(3)
OCEANO 001	Introduction to Oceanography	(3)

Total: 20

GEOLOGY

For the Associate in Science in Geology for Transfer Degree see page 50.

GEOLOGY (AS)

(Program Code 191400, State Code 08560)

Physical Geology is a detailed study of the origin and composition of the earth, the processes acting to modify the earth's surface, and the phenomena that catastrophically affect humans and their environment such as volcanoes, earthquakes, landslides, and floods.

COMPLETE THE FOLLOWING 4 REQUIRED COURSES:

CHEM 101*	General Chemistry I	5
CHEM 102*	General Chemistry II	5
GEOLOGY 001	Physical Geology	3
GEOLOGY 006*	Physical Geology Laboratory	1

CHOOSE ONE OF THE FOLLOWING PHYSICS SEQUENCES:
SEQUENCE A

PHYSICS 037*	Physics for Engineers and Scientists I	(5)
PHYSICS 038*	Physics for Engineers and Scientists II	(5)
PHYSICS 039*	Physics for Engineers and Scientists III	(5)

SEQUENCE B

PHYSICS 006*	General Physics I	(4)
PHYSICS 007*	General Physics II	(4)

COMPLETE 7–14 UNITS FROM THE FOLLOWING COURSES TO COMPLETE 36 TOTAL UNITS.
A lab course cannot apply unless lecture course is also taken.

BIOLOGY 007*	General Biology II	(5)
MATH 261*	Calculus I	(5)
OCEANO 001	Introduction to Oceanography	(3)
OCEANO 010*	Physical Oceanography Laboratory	(1)
STAT 101*	Statistics for the Social Sciences	(4)

Total: 36

GERMAN

GERMAN (AA)

(Program Code 110300, State Code 08555)

This degree provides solid foundation in the study of German for those wishing to continue their education in languages. Students will be able to demonstrate effective skills in the four major areas of language study (reading, writing, speaking, listening comprehension), and demonstrate knowledge of the global society, and the role of Germany and of the German language and culture in the contemporary world.

COMPLETE 3 COURSES FROM THE FOLLOWING:

GERMAN 001	Elementary German I	(5)
GERMAN 002*	Elementary German II	(5)
GERMAN 003*	Intermediate German I	(5)
GERMAN 004*	Intermediate German II	(5)
GERMAN 005*	Advanced German I	(5)

COMPLETE 3–5 UNITS FROM THE FOLLOWING COURSES:

GERMAN 008*	Conversational German	(2)
LING 001	Introduction to Language and Linguistics	(3)

Total: 18-20

*# Cross-listed course. * This course has a prerequisite or corequisite.*

HEALTH SCIENCE

DEGREE REQUIREMENTS:

Please refer to page 91-92 for the Nursing major and pages 95-96 for the Respiratory Therapy major.

CERTIFICATE REQUIREMENTS:

Please refer to page 95-96 for the Respiratory Therapy Certificate program.

HISTORY

For the Associate in Arts in History for Transfer Degree see page 50.

HISTORY (AA)

(Program Code 220500, State Code 02985)

The History program includes courses that examine the people, institutions, ideas, and events of the past and present. The study of History contributes to cultural literacy and develops critical thinking skills. Historical study provides a fundamental preparation for careers in law, government, and education. This degree can serve as the basis for further undergraduate education in history.

COMPLETE THE FOLLOWING 2 REQUIRED COURSES:

HISTORY 001	Introduction to Western Civilization I	3
HISTORY 002	Introduction to Western Civilization II	3

CHOOSE ONE OF THE FOLLOWING SEQUENCES:
SEQUENCE A

HISTORY 005	History of the Americas I	(3)
HISTORY 006	History of the Americas II	(3)

SEQUENCE B

HISTORY 011	Political and Social History of the United States to 1877	(3)
HISTORY 012	Political and Social History of the United States from 1865	(3)

COMPLETE 2 COURSES FROM THE FOLLOWING:

HISTORY 007	The World's Great Religions	(3)
HISTORY 020	History of California and the Pacific Coast	(3)
HUMAN 006	Great People, Great Ages	(3)
HUMAN 008	Great Women in the Humanities	(3)

Total: 18

HUMANITIES

HUMANITIES (AA)

(Program Code 490300, State Code 02989)

The Humanities program is interdisciplinary and involves critical and comparative study of philosophy, religion, literature, and the visual and performing arts across human cultures in different times and places. Students will examine the art, literature, ideas, movements, and individuals that have helped to define values, civilizations, and the human condition. Study of the Humanities provides a solid fundamental preparation for careers in the arts and education. This degree can serve as the basis for further undergraduate education in humanities.

COMPLETE THE FOLLOWING 3 REQUIRED COURSES:

HUMAN 001	Cultural Patterns of Western Civilization	3
HUMAN 003	The Arts of Contemporary Society	3
HUMAN 030	The Beginnings of Western Civilization	3

PLUS 1 COURSE CHOSEN FROM EACH OF THE THREE CATEGORIES LISTED BELOW:

The Arts

ART 101	Survey of Art History I	(3)
ART 102	Survey of Art History II	(3)
ENGLISH 203*	World Literature I	(3)
ENGLISH 204*	World Literature II	(3)
MUSIC 121*	Music History and Literature I	(3)
MUSIC 122*	Music History and Literature II	(3)
THEATER 110	History of the World Theater	(3)

Additional Civilization Courses

HISTORY 001	Introduction to Western Civilization I	(3)
HISTORY 002	Introduction to Western Civilization II	(3)
HUMAN 002	Studies in Selected Cultures	(3)
HUMAN 006	Great People, Great Ages	(3)
HUMAN 008	Great Women in the Humanities	(3)

Religious and Philosophical Ideas

PHILOS 001	Introduction to Philosophy	(3)
PHILOS 012	History of Greek Philosophy	(3)
PHILOS 014	History of Modern European Philosophy	(3)

Total: 18

ITALIAN

ITALIAN (AA)

(Program Code 110400, State Code 02966)

This degree provides solid foundation in the study of Italian for those wishing to continue their education in languages. Students will be able to demonstrate effective skills in the four major areas of language study (reading, writing, speaking, and listening comprehension), and demonstrate knowledge of the global society, and the role of Italy and of the Italian language and culture in the contemporary world.

COMPLETE THE FOLLOWING 1 REQUIRED COURSE:

LING 001	Introduction to Language and Linguistics	3

COMPLETE 3 COURSES FROM THE FOLLOWING:

ITALIAN 001	Elementary Italian I	(5)
ITALIAN 002*	Elementary Italian II	(5)
ITALIAN 003*	Intermediate Italian I	(5)
ITALIAN 004*	Intermediate Italian II	(5)
ITALIAN 005*	Advanced Italian I	(5)

Total: 18

*# Cross-listed course. * This course has a prerequisite or corequisite.*

JEWISH STUDIES

JEWISH STUDIES (AA)

(Program Code 220301, State Code 08563)

This degree enables students to appreciate the rich culture and heritage of the Jewish people from the biblical epoch to the contemporary modern experience; to help students understand the Jewish contribution to world culture in general and to Western culture in particular; and to develop the skills to read and interpret relevant sources. This degree will help prepare students for upper division coursework in Jewish Studies.

COMPLETE THE FOLLOWING 5 REQUIRED COURSES:

HEBREW 001	Elementary Hebrew I	5
HEBREW 002*	Elementary Hebrew II	5
JEWISH 002	The Jewish Religious Heritage	3
JEWISH 025	The History of the Jewish People	3
PHILOS 035#	Judaism, Christianity and Islam	3

Total: 19

JOURNALISM

For the Associate in Arts in Journalism for Transfer Degree see page 51.

Students earning the Journalism AA degrees have obtained skills for entry-level employment in journalism (print, online, and photography) or for career advancement.

JOURNALISM: MAGAZINE (AA)

(Program Code 060201, State Code 08533)

COMPLETE THE FOLLOWING 6 REQUIRED COURSES:

ART 619	Advertising Photo/Graphics II	4
JOURNAL 101	Collecting and Writing News	3
JOURNAL 105	Mass Communications	3
JOURNAL 106	Grammar and Communication	3
JOURNAL 108	Article Writing	3
JOURNAL 220*	Magazine Production	3

Total: 19

JOURNALISM: NEWSPAPER (AA)

(Program Code 060202, State Code 02950)

COMPLETE THE FOLLOWING 6 REQUIRED COURSES:

ART 619	Advertising Photo/Graphics II	4
JOURNAL 101	Collecting and Writing News	3
JOURNAL 105	Mass Communications	3
JOURNAL 106	Grammar and Communication	3
JOURNAL 202*	Advanced Newswriting	3
JOURNAL 218-1*	Practical Editing I	3

Total: 19

CERTIFICATE REQUIREMENTS:

CERTIFICATE OF ACHIEVEMENT IN JOURNALISM: MAGAZINE

(Program Code 060201, State Code 21884)

A Certificate of Achievement in Journalism: Magazine provides a foundation for students who wish to seek positions such as: article writer, magazine editor, speech writer, in-house publications editor, writer for on-line publications and proof reader.

Estimated time to complete: 1 year.

COMPLETE THE FOLLOWING 6 REQUIRED COURSES:

JOURNAL 043	Public Relations Techniques	3
JOURNAL 101	Collecting and Writing the News	3
JOURNAL 105	Mass Communications	3
JOURNAL 106	Grammar and Communication	3
JOURNAL 108	Article Writing	3
JOURNAL 202	Advanced Newswriting	3

Total: 18

CERTIFICATE OF ACHIEVEMENT IN JOURNALISM: NEWSPAPER

(Program Code 060202, State Code 21885)

A Certificate of Achievement in Journalism: Newspaper, provides a foundation for students who wish to seek positions such as: newspaper reporter, newspaper editor, public relations writer, publicist, writer for on-line publications and proof readers.

Estimated time to complete: 1 year.

COMPLETE THE FOLLOWING 5 REQUIRED COURSES:

JOURNAL 101	Collecting and Writing News	3
JOURNAL 105	Mass Communications	3
JOURNAL 106	Grammar and Communication	3
JOURNAL 202*	Advanced Newswriting	3
JOURNAL 218-1	Practical Editing I	3

COMPLETE 6 UNITS FROM THE FOLLOWING COURSES:

BRDCSTG 001	Fundamentals of Television and Radio Broadcasting	(3)
JOURNAL 108	Article Writing	(3)
JOURNAL 220*	Magazine Production	(3)
JOURNAL 385	Directed Study - Journalism	(3)
JOURNAL 911	Cooperative Education - Journalism	(1)
JOURNAL 921	Cooperative Education - Journalism	(2)
JOURNAL 931	Cooperative Education - Journalism	(3)
JOURNAL 941	Cooperative Education - Journalism	(4)
PHOTO 101	Beginning Digital Photography	(3)

Total: 21

*# Cross-listed course. * This course has a prerequisite or corequisite.*

LIBERAL STUDIES

For the Associate in Arts in Elementary Teacher Education for Transfer Degree see page 49.

LIBERAL STUDIES: MULTIPLE SUBJECT TEACHER PREP (AA)

(Program Code 490121, State Code 18168)

The Liberal Studies Associate degree is designed to provide an Associate degree for the student planning to transfer to CSU Northridge as a Liberal Studies major with a Multiple Subject Teacher Prep Option in order to prepare for elementary school teaching. The courses listed below are among the lower-division requirements of that CSUN major.

COMPLETE THE FOLLOWING 10 REQUIRED COURSES:

BIOLOGY 003	Introduction to Biology	4
CH DEV 044*	Early Intervention for Children with Special Needs	3
COMM 101	Public Speaking	3
ENGLISH 101*	College Reading and Composition I	3
GEOG 002	Cultural Elements of Geography	3
HISTORY 086	Introduction to World Civilization I	3
MATH 215*	Principles of Mathematics I	3
PHYS SC 001	Physical Science I	3
PHYS SC 014*	Physical Science Laboratory	1
POL SCI 001	The Government of the United States	3

CRITICAL THINKING

COMPLETE 1 COURSE FROM THE FOLLOWING:

COMM 105*	Critical Thinking	(3)
ENGLISH 103*	Composition and Critical Thinking	(3)
PHILOS 006	Logic in Practice	(3)

INTRODUCTION TO LITERATURE

COMPLETE 1 COURSE FROM THE FOLLOWING:

AFRO AM 020	African-American Literature I	(3)
CHICANO 042#	Contemporary Mexican Literature	(3)
ENGLISH 102*	College Reading and Composition II	(3)
ENGLISH 203*	World Literature I	(3)
ENGLISH 204*	World Literature II	(3)
ENGLISH 205*	English Literature I	(3)
ENGLISH 206*	English Literature II	(3)
ENGLISH 207*	American Literature I	(3)
ENGLISH 208*	American Literature II	(3)

PERFORMING AND VISUAL ARTS

COMPLETE 1 COURSE FROM THE FOLLOWING:

ART 101	Survey of Art History I	(3)
ART 102	Survey of Art History II	(3)
ART 103	Art Appreciation I	(3)
ART 105	History of Asian Art	(3)
ART 109	The Arts of Africa, Oceania, and Ancient America	(3)
MUSIC 111	Music Appreciation I	(3)

U.S. HISTORY

COMPLETE 1 COURSE FROM THE FOLLOWING:

AFRO AM 004	The African American in the History of the U.S. I	(3)
HISTORY 011	Political and Social History of the United States to 1877	(3)

INTRODUCTION TO LINGUISTICS

COMPLETE 1 COURSE FROM THE FOLLOWING:

ENGLISH 105	Introduction to Language and Linguistics	(3)
LING 001	Introduction to Language and Linguistics	(3)

CHILD DEVELOPMENT

COMPLETE 1 COURSE FROM THE FOLLOWING:

CH DEV 001*	Child Growth and Development	(3)
PSYCH 011*	Child Psychology	(3)

Total: 47

MANUFACTURING

ENGINEERING TECHNOLOGY: INDUSTRIAL/ MANUFACTURING (AS)

(Program Code 095602, State Code 02959)

This degree is designed for the student who wishes to enter the workforce after graduation in a position such as: Drafter; Drill Press Operator; Engineering Liaison; Quality Controller; Grinder; Manufacturing Controller; Operations Researcher; and Lathe Operator.

COMPLETE THE FOLLOWING 11 REQUIRED COURSES:

CHEM 068*	Preparation for General Chemistry	5
CIS 104	Microcomputer Application Software (Formerly CO SCI 830)	3
EGT 211	Elementary Engineering Graphics	3
ENG GEN 101	Introduction to Science, Engineering and Technology	2
MATH 120*	Plane Geometry	5
MATH 240*	Trigonometry	3
MSCNC 124	Print Interpretation and Inspection (Blueprint II)	3
NUM CON 021	Advanced Manual CNC Lathe Programming & Introduction to CAM	3
T & M 027	Basic Machine Shop Theory and Practice	4
T & M 030	Machine Shop Practice I	3
T & M 031	Machine Shop Practice II	3

Total: 37

ENGINEERING TECHNOLOGY: MECHANICAL ENGINEERING (AS)

(Program Code 095600, State Code 08541)

This degree is designed for the student who wishes to enter the workforce after graduation with a strong background in AutoCAD drafting, blueprint reading, numerical control, and computer programming skills.

COMPLETE THE FOLLOWING 12 REQUIRED COURSES:

CIS 104	Microcomputer Application Software (Formerly CO SCI 830)	3
EGT 211	Elementary Engineering Graphics	3
EGT 212*	Applied Engineering Computer Graphics I	3
ELECTRN 002	Introduction to Electronics	3
ENG GEN 101	Introduction to Science, Engineering and Technology	2
MATH 120*	Plane Geometry	5
MATH 240*	Trigonometry	3
MSCNC 114	Print Interpretation & Sketching (Blueprint I)	3
MSCNC 124	Print Interpretation and Inspection (Blueprint II)	3
NUM CON 021	Advanced Manual CNC Lathe Programming & Introduction to CAM	3
T & M 027	Basic Machine Shop Theory and Practice	4
T & M 031	Machine Shop Practice II	3

Total: 38

*# Cross-listed course. * This course has a prerequisite or corequisite.*

Manufacturing, *Continued next page*

MANUFACTURING TECHNOLOGY: METAL MACHINING (AS)

(Program Code 095630, State Code 02960)

This degree is designed for the student who wishes to enter the workforce after graduation with a strong background in both traditional machining and in numerical control.

COMPLETE THE FOLLOWING 12 REQUIRED COURSES:

ELECTRN 002	Introduction to Electronics	3
ENG GEN 101	Introduction to Science, Engineering and Technology	2
MATH 125*	Intermediate Algebra (or any 5 unit mathematics course)	5
MSCNC 114	Print Interpretation & Sketching (Blueprint I)	3
MSCNC 124	Print Interpretation and Inspection (Blueprint II)	3
NUM CON 021	Advanced Manual CNC Lathe Programming & Introduction to CAM	3
NUM CON 022	Adv Manual CNC Mill & Microcomputer Assisted Programming	3
NUM CON 023	Computer Aided Manufacturing Programming of CNC Equipment	3
T & M 027	Basic Machine Shop Theory and Practice	4
T & M 030	Machine Shop Practice I	3
T & M 031	Machine Shop Practice II	3
T & M 032	Machine Shop Practice III	3

Total: 38

MANUFACTURING TECHNOLOGY: NUMERICAL CONTROL (AS)

(Program Code 095631, State Code 08542)

This degree is designed for the student who wishes to enter the workforce after graduation with a strong background in all aspects of numerical control.

COMPLETE THE FOLLOWING 12 REQUIRED COURSES:

ELECTRN 002	Introduction to Electronics	3
ENG GEN 101	Introduction to Science, Engineering and Technology	2
ENG GEN 151*	Materials of Engineering	3
MATH 125*	Intermediate Algebra (or any 5 unit mathematics course)	5
MSCNC 124	Print Interpretation and Inspection (Blueprint II)	3
NUM CON 021	Advanced Manual CNC Lathe Programming & Introduction to CAM	3
NUM CON 022	Adv Manual CNC Mill & Microcomputer Assisted Programming	3
NUM CON 023	Computer Aided Manufacturing Programming of CNC Equipment	3
T & M 027	Basic Machine Shop Theory and Practice	4
T & M 030	Machine Shop Practice I	3
T & M 031	Machine Shop Practice II	3
T & M 032	Machine Shop Practice III	3

Total: 38

MECHANICAL DRAFTING/DESIGN (AS)

(Program Code 095340, State Code 02958)

This degree is designed for the student who wishes to enter the workforce after graduation as a mechanical or civil engineering drafter, with strong coursework in AutoCAD.

COMPLETE THE FOLLOWING 10 REQUIRED COURSES:

ARC 172	Architectural Drawing I	3
EGT 211	Elementary Engineering Graphics	3
EGT 212*	Applied Engineering Computer Graphics I	3
EGT 213*	Introduction to AutoCAD	3
ENG GEN 101	Introduction to Science, Engineering and Technology	2
MATH 120*	Plane Geometry	5
MATH 240*	Trigonometry	3
MSCNC 114	Print Interpretation & Sketching (Blueprint I)	3
T & M 027	Basic Machine Shop Theory and Practice	4
T & M 030	Machine Shop Practice I	3

COMPLETE 1 COURSE FROM THE FOLLOWING:

ARC 173*	Architectural Drawing II	(3)
MSCNC 124	Print Interpretation and Inspection (Blueprint II)	(3)

Total: 35

SUSTAINABLE CONSTRUCTION MANAGEMENT (AS)

(Program Code 095700, State Code 21326)

The Sustainable Construction Management Degree is designed to prepare the students to become qualified for employment in the field of general construction management, with additional emphasis on sustainable methods and materials that are energy smart, renewable, and environmentally friendly. The program offers up-to-date training and re-training in various evolving aspects of the profession, such as building technologies related to the use of materials from renewable sources, methods of construction that can create smart energy-efficient structures, emerging environmental concerns, human relations' laws, and safety regulations.

COMPLETE THE FOLLOWING 8 REQUIRED COURSES:

ARC 172	Architectural Drawing I	3
ARC 173*	Architectural Drawing II	3
EGT 100	Introduction to Sustainable Construction Management	3
EGT 103	Code and Zoning Regulations	3
EGT 104	Cost Analysis and Estimation	3
ENG GEN 101	Introduction to Science, Engineering and Technology	2
ENV SCI 007	Introduction to Environmental Geology	3
MGMT 033	Human Capital Management	3

Total: 23

*# Cross-listed course. * This course has a prerequisite or corequisite.*

Manufacturing, *Continued next page*

CERTIFICATE REQUIREMENTS:

CERTIFICATE OF ACHIEVEMENT IN ARCHITECTURE

(Program Code 020100, State Code 08526)

This certificate is designed for the student who wants to enter the field as an architectural drafter. The course content is AutoCAD-based, and will allow the student to produce a wide variety of working drawings for both residential and commercial buildings.

Estimated time to complete: 1.5 years.

COMPLETE THE FOLLOWING 8 REQUIRED COURSES:

ARC 172	Architectural Drawing I	3
ARC 173*	Architectural Drawing II	3
ARC 221*	Architectural Rendering	2
ARC 271*	Architectural Drawing III	3
EGT 100	Introduction to Sustainable Construction Management	3
EGT 211*	Elementary Engineering Graphics	3
ENG GEN 101	Introduction to Science, Engineering and Technology	2
MATH 115*	Elementary Algebra (or higher-level math course)	(3-5)

Total: 22-24

CERTIFICATE OF ACHIEVEMENT IN COMPUTER GRAPHICS/ DESIGN

(Program Code 095301, State Code 10759)

This certificate contains a body of courses designed to train students in computer graphics applications, as used in industry. This training program is continually readjusted to keep current with the newest techniques of applying computers to aid in engineering design and manufacturing. Primarily this certificate prepares the student for operating CAD software in computer applications as related to engineering and manufacturing.

Estimated time to complete: 1.5 years.

COMPLETE THE FOLLOWING 6 REQUIRED COURSES:

EGT 211	Elementary Engineering Graphics	3
EGT 212*	Applied Engineering Computer Graphics I	3
EGT 213*	Introduction to AutoCAD	3
ENG GEN 101	Introduction to Science, Engineering and Technology	2
MATH 120*	Plane Geometry	5
MATH 240*	Trigonometry	3

Total: 19

CERTIFICATE OF ACHIEVEMENT IN ENGINEERING TECHNOLOGY: INDUSTRIAL/MANUFACTURING

(Program Code 095602, State Code 21895)

The Industrial Technology/Manufacturing Certificate can lead to positions such as: Drafter; Drill Press Operator; Engineering Liaison; Quality Controller; Grinder; Manufacturing Controller; Operations Researcher; Part Inspector; and Lathe Operator. The certificate can be the basis for continued study and attainment of an associate's degree.

Estimated time to complete: 1.5 years.

COMPLETE THE FOLLOWING 8 REQUIRED COURSES:

CIS 104	Microcomputer Application Software (Formerly CO SCI 830)	3
EGT 211	Elementary Engineering Graphics	3
ELECTRN 004*	Fundamentals of Electronics I	4
ENG GEN 101	Introduction to Science, Engineering and Technology	2
NUM CON 021	Advanced Manual CNC Lathe Programming & Introduction to CAM	3
MSCNC 124	Print Interpretation and Inspection (Blueprint II)	3
T & M 027	Basic Machine Shop Theory and Practice	4
T & M 030	Machine Shop Practice I	3

Total: 25

CERTIFICATE OF ACHIEVEMENT IN MANUFACTURING TECHNOLOGY: METAL MACHINING

(Program Code 095630, State Code 21897)

This certificate is designed for the student who wishes to enter the workforce in positions such as: Mill operator; Numerical Control Machinist; Lathe Operator; and Numerical Control Operator.

Estimated time to complete: 1.5 years.

COMPLETE THE FOLLOWING 8 REQUIRED COURSES:

ENG GEN 101	Introduction to Science, Engineering, and Technology	2
MATH 115*	Elementary Algebra	5
MSCNC 114	Print Interpretation & Sketching (Blueprint I)	3
NUM CON 021	Advanced Manual CNC Lathe Programming & Introduction to CAM	3
NUM CON 022	Adv Manual CNC Mill & Microcomputer Assisted Programming	3
T & M 027	Basic Machine Shop Theory and Practice	4
T & M 030	Machine Shop Practice I	3
T & M 031	Machine Shop Practice II	3

Total: 26

*# Cross-listed course. * This course has a prerequisite or corequisite.*

Manufacturing, *Continued next page*

CERTIFICATE OF ACHIEVEMENT IN MANUFACTURING TECHNOLOGY: NUMERICAL CONTROL

(Program Code 095631, State Code 21898)

This certificate is designed for the student who wishes to enter the workforce in positions such as: Numerical Control Programmer; Numerical Control Machinist; and Numerical Control Machine Operator.

Estimated time to complete: 2 years.

COMPLETE THE FOLLOWING 10 REQUIRED COURSES:

CIS 104	Microcomputer Application Software (Formerly CO SCI 830)	3
ENG GEN 101	Introduction to Science, Engineering and Technology	2
MATH 115*	Elementary Algebra	5
MSCNC 114	Print Interpretation & Sketching (Blueprint I)	3
MSCNC 124	Print Interpretation and Inspection (Blueprint II)	3
NUM CON 021	Advanced Manual CNC Lathe Programming & Introduction to CAM	3
NUM CON 022	Adv Manual CNC Mill & Microcomputer Assisted Programming	3
NUM CON 023	Computer Aided Manufacturing Programming of CNC Equipment	3
T & M 027	Basic Machine Shop Theory and Practice	4
T & M 030	Machine Shop Practice I	3

Total: 32

CERTIFICATE OF ACHIEVEMENT IN MECHANICAL DRAFTING/ DESIGN

(Program Code 095340, State Code 21894)

This certificate is designed for the student who wishes to enter the workforce in positions such as Drafter Tracer; Detailer Engineering Aid; Drafter; and Computer-Aided Drafting.

Estimated time to complete: 1.5 years.

COMPLETE THE FOLLOWING 6 REQUIRED COURSES:

EGT 211	Elementary Engineering Graphics	3
EGT 212*	Applied Engineering Computer Graphics I	3
ENG GEN 101	Introduction to Science, Engineering and Technology	2
MATH 115*	Elementary Algebra	5
MSCNC 124	Print Interpretation and Inspection (Blueprint II)	3
T & M 027	Basic Machine Shop Theory and Practice	4

Total: 20

CERTIFICATE OF ACHIEVEMENT IN MECHANICAL ENGINEERING TECHNOLOGY

(Program Code 095601, State Code 21896)

This certificate can lead to positions such as: Research Aide; Production Aide; Design Aide; Construction Aide; Maintenance Aide; Salesperson; Detail Drafter; and Engineering Technician.

Estimated time to complete: 1.5 years.

COMPLETE THE FOLLOWING 8 REQUIRED COURSES:

EGT 211	Elementary Engineering Graphics	3
EGT 212*	Applied Engineering Computer Graphics I	3
ENG GEN 101	Introduction to Science, Engineering and Technology	2
MATH 120*	Plane Geometry	5
MATH 240*	Trigonometry	3
MSCNC 124	Print Interpretation and Inspection (Blueprint II)	3
T & M 027	Basic Machine Shop Theory and Practice	4
T & M 030	Machine Shop Practice I	3

Total: 26

CERTIFICATE OF ACHIEVEMENT IN SUSTAINABLE CONSTRUCTION MANAGEMENT

(Program Code 095700, State Code 21327)

The Sustainable Construction Management certificate is designed to prepare the students to become qualified for employment in the field of general construction management, with additional emphasis on sustainable methods and materials that are energy smart, renewable, and environmentally friendly. The program offers up-to-date training and re-training in various evolving aspects of the profession, such as building technologies related to the use of materials from renewable sources, methods of construction that can create smart energy-efficient structures, emerging environmental concerns, human relations' laws, and safety regulations.

Estimated time to complete: 1 year.

COMPLETE THE FOLLOWING 8 REQUIRED COURSES:

ARC 172	Architectural Drawing I	3
ARC 173*	Architectural Drawing II	3
EGT 100	Introduction to Sustainable Construction Management	3
EGT 103	Code and Zoning Regulations	3
EGT 104	Cost Analysis and Estimation	3
ENG GEN 101	Introduction to Science, Engineering and Technology	2
ENV SCI 007#	Introduction to Environmental Geology	3
MGMT 033	Human Capital Management	3

Total: 23

MATHEMATICS

For the Associate in Science in Mathematics for Transfer Degree see page 52.

*# Cross-listed course. * This course has a prerequisite or corequisite.*

MEDIA ARTS

(Also See Cinema)

MEDIA ARTS: DIRECTING (AA)

(Program Code 060101, State Code 17624)

**Please see departmental flow chart for guidance on sequence of coursework.*

The successful completion of this degree will give students a thorough background in the aesthetics of film and media, and experience directing a cast and crew in the production of a short motion picture or episodic project.

COMPLETE THE FOLLOWING 5 REQUIRED COURSES:

CINEMA 105	History of Motion Pictures	3
CINEMA 107	Understanding Motion Pictures	3
MEDIART 100	The Entertainment Industry: Breaking In	3
MEDIART 116	Introduction to Screenwriting	3
MEDIART 118*	Directing	3

LIST A: COMPLETE 1 COURSE FROM THE FOLLOWING:

CINEMA 101*	Beginning Film Production	(3)
MEDIART 101*	Introduction to Digital Film Production	(3)

LIST B: COMPLETE 1 COURSE FROM THE FOLLOWING:

CINEMA 115*	Cinematography	(3)
MEDIART 115*	Digital Cinematography	(3)

Total: 21

MEDIA ARTS: POST-PRODUCTION (AA)

(Program Code 060104, State Code 17625)

**Please see departmental flow chart for guidance on sequence of coursework.*

The successful completion of this degree will give students a thorough background in the aesthetics of film and media, and experience in post-production solving editing and sound design challenges in motion picture and episodic projects.

COMPLETE THE FOLLOWING 4 REQUIRED COURSES:

CINEMA 105	History of Motion Pictures	3
CINEMA 107	Understanding Motion Pictures	3
MEDIART 100	The Entertainment Industry: Breaking In	3
MEDIART 116	Introduction to Screenwriting	3

LIST A: COMPLETE 1 COURSE FROM THE FOLLOWING:

CINEMA 101*	Beginning Film Production	(3)
MEDIART 101*	Introduction to Digital Film Production	(3)

LIST B: COMPLETE 1 COURSE FROM THE FOLLOWING:

CINEMA 110*	Motion Picture Sound	(3)
MEDIART 110*	Digital Film Sound	(3)

LIST C: COMPLETE 1 COURSE FROM THE FOLLOWING:

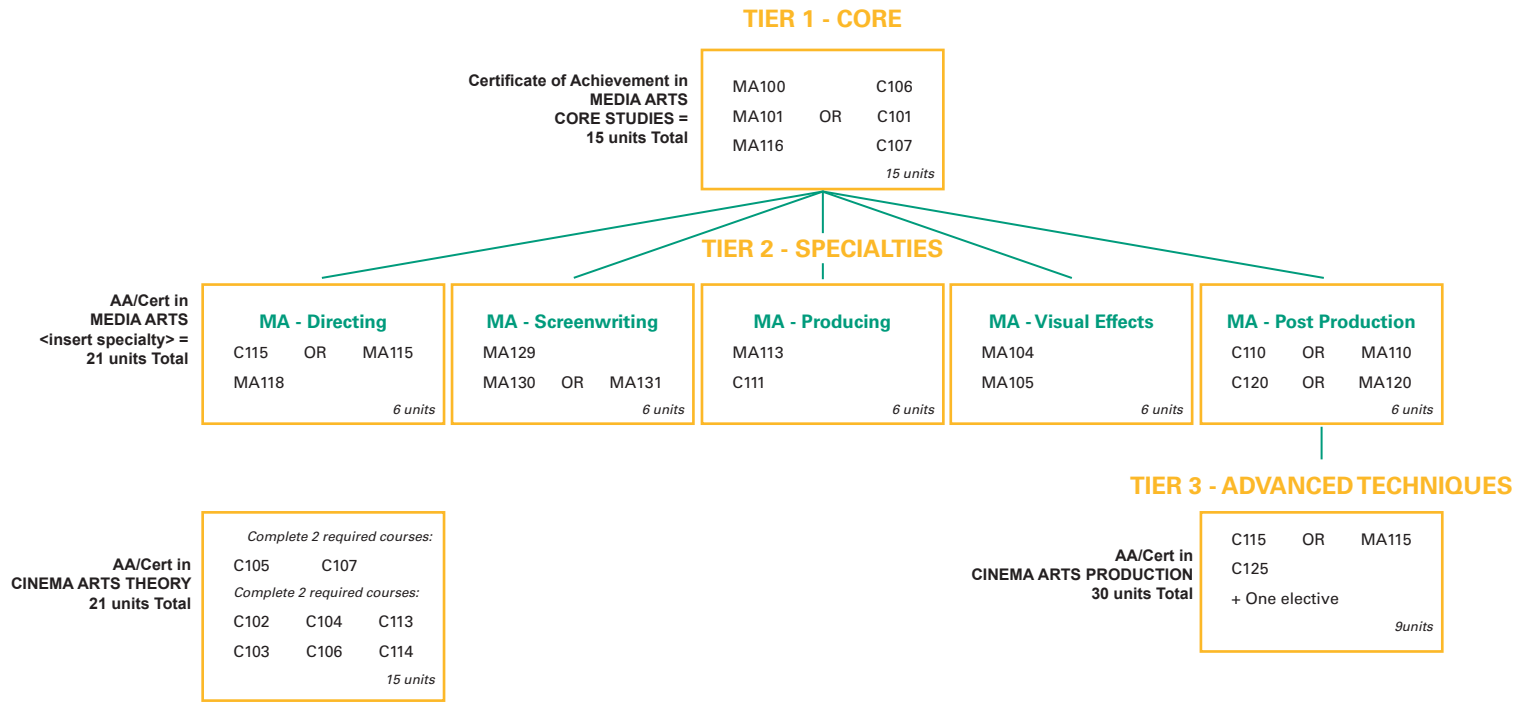
CINEMA 120*	Film Editing	(3)
MEDIART 120*	Digital Film Editing	(3)

Total: 21

*# Cross-listed course. * This course has a prerequisite or corequisite.*

Media Arts, *Continued next page*

CINEMA/MEDIA ARTS FLOW CHART



***AS-T in Film, Television, & Electronic Media also available. Please see the "Associate Degree for Transfers" section of the catalog.**

MEDIA ARTS: PRODUCING (AA)

(Program Code 060103, State Code 17626)

**Please see departmental flow chart for guidance on sequence of coursework.*

The successful completion of this degree will give students a thorough background in the aesthetics of film and media, and experience organizing, budgeting, scheduling, marketing, promoting, and pitching motion picture and episodic projects.

COMPLETE THE FOLLOWING 6 REQUIRED COURSES:

CINEMA 105	History of Motion Pictures	3
CINEMA 107	Understanding Motion Pictures	3
MEDIART 100	The Entertainment Industry: Breaking In	3
MEDIART 116	Introduction to Screenwriting	3
CINEMA 111	Developing Content for Movies	3
MEDIART 113	Low Budget Producing	3

COMPLETE 1 COURSE FROM THE FOLLOWING:

CINEMA 101*	Beginning Film Production	(3)
MEDIART 101*	Introduction to Digital Film Production	(3)

Total: 21

MEDIA ARTS: SCREENWRITING (AA)

(Program Code 060102, State Code 17627)

**Please see departmental flow chart for guidance on sequence of coursework.*

The successful completion of this degree will give students a thorough background in the aesthetics of film and media, and experience writing various screenplays from short and feature length motion pictures to episodic projects.

COMPLETE THE FOLLOWING 5 REQUIRED COURSES:

CINEMA 105	History of Motion Pictures	3
CINEMA 107	Understanding Motion Pictures	3
MEDIART 100	The Entertainment Industry: Breaking In	3
MEDIART 116	Introduction to Screenwriting	3
MEDIART 129	Mythology, Spirituality and the Art of Story	3

LIST A COMPLETE 1 COURSE FROM THE FOLLOWING:

CINEMA 101*	Beginning Film Production	(3)
MEDIART 101*	Introduction to Digital Film Production	(3)

LIST B COMPLETE 1 COURSE FROM THE FOLLOWING:

MEDIART 130*	Advanced Screenwriting	(3)
MEDIART 131*	Advanced Episodic Writing	(3)

Total: 21

MEDIA ARTS: VISUAL EFFECTS (AA)

(Program Code 061220, State Code 37296)

**Please see departmental flow chart for guidance on sequence of coursework.*

The successful completion of this degree will give students a thorough background in the aesthetics of film and media, and experience in titling, 3D modeling, color grading/correction, and various other visual effects for motion picture and episodic projects.

COMPLETE THE FOLLOWING 6 REQUIRED COURSES:

CINEMA 105	History of Motion Pictures	3
CINEMA 107	Understanding Motion Pictures	3
MEDIART 100	The Entertainment Industry: Breaking In	3
MEDIART 104	Photoshop for Motion Pictures and Television	3
MEDIART 105*	Visual Effects and Color Grading	3
MEDIART 116	Introduction to Screenwriting	3

COMPLETE 1 COURSE FROM THE FOLLOWING:

CINEMA 101*	Beginning Film Production	(3)
MEDIART 101*	Introduction to Digital Film/Video Production	(3)

Total: 21

CERTIFICATE REQUIREMENTS:

CERTIFICATE OF ACHIEVEMENT IN MEDIA ARTS: CORE STUDIES

(Program Code 061210, State Code 37297)

**Please see departmental flow chart for guidance on sequence of coursework.*

The successful completion of this degree will give students a basic foundation in the aesthetics of film and media, with some experience directing a cast and crew in the production of a short motion picture or episodic project.

Estimated time to complete: 1 year.

COMPLETE THE FOLLOWING 4 REQUIRED COURSES:

CINEMA 105	History of Motion Pictures	3
CINEMA 107	Understanding Motion Pictures	3
MEDIART 100	The Entertainment Industry: Breaking In	3
MEDIART 116	Introduction to Screenwriting	3

COMPLETE 1 COURSE FROM THE FOLLOWING:

CINEMA 101*	Beginning Film Production	(3)
MEDIART 101*	Introduction to Digital Film/Video Production	(3)

Total: 15

*# Cross-listed course. * This course has a prerequisite or corequisite.*

Media Arts, *Continued next page*

CERTIFICATE OF ACHIEVEMENT IN MEDIA ARTS: DIRECTING

(Program Code 060101, State Code 21880)

**Please see departmental flow chart for guidance on sequence of coursework.*

The successful completion of this degree will give students a thorough background in the aesthetics of film and media, and experience directing a cast and crew in the production of a short motion picture or episodic project.

Estimated time to complete: 2 years.

COMPLETE THE FOLLOWING 5 REQUIRED COURSES:

CINEMA 105	History of Motion Pictures	3
CINEMA 107	Understanding Motion Pictures	3
MEDIART 100	The Entertainment Industry: Breaking In	3
MEDIART 116	Introduction to Screenwriting	3
MEDIART 118*	Directing	3

LIST A: COMPLETE 1 COURSE FROM THE FOLLOWING:

CINEMA 101*	Beginning Film Production	(3)
MEDIART 101*	Introduction to Digital Film Production	(3)

LIST B: COMPLETE 1 COURSE FROM THE FOLLOWING:

CINEMA 115*	Cinematography	(3)
MEDIART 115*	Digital Cinematography	(3)

Total: 21

CERTIFICATE OF ACHIEVEMENT IN MEDIA ARTS: POST-PRODUCTION

(Program Code 060104, State Code 21881)

**Please see departmental flow chart for guidance on sequence of coursework.*

The successful completion of this degree will give students a thorough background in the aesthetics of film and media, and experience in post-production solving editing and sound design challenges in motion picture and episodic projects.

Estimated time to complete: 2 years.

COMPLETE THE FOLLOWING 4 REQUIRED COURSES:

CINEMA 105	History of Motion Pictures	3
CINEMA 107	Understanding Motion Pictures	3
MEDIART 100	The Entertainment Industry: Breaking In	3
MEDIART 116	Introduction to Screenwriting	3

LIST A: COMPLETE 1 COURSE FROM THE FOLLOWING:

CINEMA 101*	Beginning Film Production	(3)
MEDIART 101*	Introduction to Digital Film Production	(3)

LIST B: COMPLETE 1 COURSE FROM THE FOLLOWING:

CINEMA 110*	Motion Picture Sound	(3)
MEDIART 110*	Digital Film Sound	(3)

LIST C: COMPLETE 1 COURSE FROM THE FOLLOWING:

CINEMA 120*	Film Editing	(3)
MEDIART 120*	Digital Film Editing	(3)

Total: 21

CERTIFICATE OF ACHIEVEMENT IN MEDIA ARTS: PRODUCING

(Program Code 060103, State Code 21882)

**Please see departmental flow chart for guidance on sequence of coursework.*

The successful completion of this degree will give students a thorough background in the aesthetics of film and media, and experience organizing, budgeting, scheduling, marketing, promoting, and pitching motion picture and episodic projects.

Estimated time to complete: 2 years.

COMPLETE THE FOLLOWING 6 REQUIRED COURSES:

CINEMA 105	History of Motion Pictures	3
CINEMA 107	Understanding Motion Pictures	3
MEDIART 100	The Entertainment Industry: Breaking In	3
MEDIART 116	Introduction to Screenwriting	3
CINEMA 111	Developing Content for Movies	3
MEDIART 113	Low Budget Producing	3

COMPLETE 1 COURSE FROM THE FOLLOWING:

CINEMA 101*	Beginning Film Production	(3)
MEDIART 101*	Introduction to Digital Film Production	(3)

Total: 21

CERTIFICATE OF ACHIEVEMENT IN MEDIA ARTS: SCREENWRITING

(Program Code 060102, State Code 21883)

**Please see departmental flow chart for guidance on sequence of coursework.*

The successful completion of this degree will give students a thorough background in the aesthetics of film and media, and experience writing various screenplays from short and feature-length motion pictures to episodic projects.

Estimated time to complete: 2 years.

COMPLETE THE FOLLOWING 5 REQUIRED COURSES:

CINEMA 105	History of Motion Pictures	3
CINEMA 107	Understanding Motion Pictures	3
MEDIART 100	The Entertainment Industry: Breaking In	3
MEDIART 116	Introduction to Screenwriting	3
MEDIART 129	Mythology, Spirituality and the Art of Story	3

LIST A: COMPLETE 1 COURSE FROM THE FOLLOWING:

CINEMA 101*	Beginning Film Production	(3)
MEDIART 101*	Introduction to Digital Film Production	(3)

LIST B: COMPLETE 1 COURSE FROM THE FOLLOWING:

MEDIART 130*	Advanced Screenwriting	(3)
MEDIART 131*	Advanced Episodic Writing	(3)

Total: 21

*# Cross-listed course. * This course has a prerequisite or corequisite.*

Media Arts, *Continued next page*

CERTIFICATE OF ACHIEVEMENT IN MEDIA ARTS: VISUAL EFFECTS

(Program Code 061220, State Code 37298)

**Please see departmental flow chart for guidance on sequence of coursework.*

The successful completion of this degree will give students a thorough background in the aesthetics of film and media, and experience in titling, 3D modeling, color grading/correction, and various other visual effects for motion picture and episodic projects.

Estimated time to complete: 2 years.

COMPLETE THE FOLLOWING 6 REQUIRED COURSES:

CINEMA 105	History of Motion Pictures	3
CINEMA 107	Understanding Motion Pictures	3
MEDIART 100	The Entertainment Industry: Breaking In	3
MEDIART 104	Photoshop for Motion Pictures and TV	3
MEDIART 105*	Visual Effects and Color Grading	3
MEDIART 116	Introduction to Screenwriting	3

COMPLETE 1 COURSE FROM THE FOLLOWING:

CINEMA 101*	Beginning Film Production	(3)
MEDIART 101*	Introduction to Digital Film Production	(3)

Total: 21

MUSIC

For the Associate in Arts in Music for Transfer Degree see page 52.

MUSIC (AA)

(Program Code 100400, State Code 02962)

The Music AA degree can serve as the basis for further undergraduate education in music. Music 200 is not part of the degree but is a prerequisite for courses in the degree. Students are strongly encouraged to complete Music 200 early in their academic program.

COMPLETE THE FOLLOWING 17 REQUIRED COURSES:

MUSIC 121*	Music History and Literature I	3
MUSIC 122*	Music History and Literature II	3
MUSIC 152	Current Musical Events	1
MUSIC 181	Applied Music I	0.5
MUSIC 182*	Applied Music II	0.5
MUSIC 183*	Applied Music III	0.5
MUSIC 184*	Applied Music IV	0.5
MUSIC 201*	Harmony I	3
MUSIC 202*	Harmony II	3
MUSIC 203*	Harmony III	3
MUSIC 211*	Musicianship I	1
MUSIC 212*	Musicianship II	1
MUSIC 213*	Musicianship III	1
MUSIC 241	Music Notation and Copying I	1
MUSIC 250-1	Music Performance Workshop I	1
MUSIC 250-2	Music Performance Workshop II	1
MUSIC 324*	Elementary Piano IV	2

COMPLETE 4 COURSES FROM THE FOLLOWING: (COURSES MAY BE REPEATED):

MUSIC 501	College Choir	(1)
MUSIC 531	Philharmonic Choir	(1)
MUSIC 563	Chamber Singers	(1.5)
MUSIC 721	Orchestra	(1)
MUSIC 751	Wind Ensemble	(1)
MUSIC 771	Guitar Ensemble	(1)

COMPLETE 1 COURSE FROM THE FOLLOWING:

MUSIC 111	Music Appreciation I	(3)
MUSIC 136	Music in American Culture	(3)
MUSIC 137	Music as a Business	(3)
MUSIC 141	Jazz Appreciation	(3)
MUSIC 161	Introduction to Music Technology	(3)
MUSIC 165	Introduction to Recording Arts	(3)
MUSIC 205*	Commercial Harmony I	(3)
MUSIC 206*	Commercial Harmony II	(3)
MUSIC 271	Songwriters' Workshop	(3)
MUSIC 281*	Commercial Music Techniques I	(3)

Total: 33-35

*# Cross-listed course. * This course has a prerequisite or corequisite.*

Music, *Continued next page*

COMMERCIAL MUSIC (AA)

(Program Code 100500, State Code 08545)

Students earning the Commercial Music AA degree have obtained skills for entry-level employment in the music industry or for career advancement. Music 101 is not part of the degree but is a prerequisite for courses in the degree. Students are strongly encouraged to complete Music 101 early in their academic program.

COMPLETE THE FOLLOWING 13 REQUIRED COURSES:

MUSIC 137	Music as a Business	3
MUSIC 141	Jazz Appreciation	3
MUSIC 161	Introduction to Music Technology	3
MUSIC 165	Introduction to Recording Arts	3
MUSIC 205*	Commercial Harmony I	3
MUSIC 206*	Commercial Harmony II	3
MUSIC 241	Music Notation and Copying I	1
MUSIC 242*	Music Notation and Copying II	1
MUSIC 265-1*	Recording Arts Workshop I	3
MUSIC 271	Songwriters' Workshop I	3
MUSIC 281*	Commercial Music Techniques I	3
MUSIC 321	Elementary Piano I	2
MUSIC 322*	Elementary Piano II	2

COMPLETE 2 COURSES FROM THE FOLLOWING (COURSES MAY BE REPEATED):

MUSIC 501	College Choir	(1)
MUSIC 531	Philharmonic Choir	(1)
MUSIC 563	Chamber Singers	(1.5)
MUSIC 721	Orchestra	(1)
MUSIC 751	Wind Ensemble	(1)
MUSIC 771	Guitar Ensemble	(1)

Total: 35-38

CERTIFICATE REQUIREMENTS:

COMMERCIAL MUSIC CERTIFICATES

The following certificates can lead to positions such as: Recording Technician; Composer/Arranger; Music Copyist; and Musician/ Performer.

Estimated time to complete: 1- 2 years depending on certificate.

CERTIFICATE OF ACHIEVEMENT IN COMMERCIAL MUSIC: INSTRUMENTAL/VOCAL PERFORMER

(Program Code 100504, State Code 11546)

COMPLETE THE FOLLOWING 8 REQUIRED COURSES:

MUSIC 137	Music as a Business	3
MUSIC 200	Introduction to Music Theory	4
MUSIC 201*	Harmony I	3
MUSIC 205*	Commercial Harmony I	3
MUSIC 206*	Commercial Harmony II	3
MUSIC 211*	Musicianship I	1
MUSIC 212*	Musicianship II	1
MUSIC 321	Elementary Piano I	2

COMPLETE 3 COURSES FROM THE FOLLOWING: (COURSES MAY BE REPEATED):

MUSIC 501	College Choir	(1)
MUSIC 531	Philharmonic Choir	(1)
MUSIC 563	Chamber Singers	(1.5)
MUSIC 721	Orchestra	(1)
MUSIC 751	Wind Ensemble	(1)
MUSIC 771	Guitar Ensemble	(1)

COMPLETE 9 UNITS FROM THE FOLLOWING COURSES:

MUSIC 111	Music Appreciation I	(3)
MUSIC 121*	Music History and Literature I	(3)
MUSIC 122*	Music History and Literature II	(3)
MUSIC 141	Jazz Appreciation	(3)
MUSIC 161	Introduction to Music Technology	(3)
MUSIC 165	Introduction to Recording Arts	(3)
MUSIC 202*	Harmony II	(3)
MUSIC 203*	Harmony III	(3)
MUSIC 213*	Musicianship III	(1)
MUSIC 241	Music Notation and Copying I	(1)
MUSIC 242*	Music Notation and Copying II	(1)
MUSIC 265*	Recording Arts Workshop	(3)
MUSIC 281*	Commercial Music Techniques I	(3)
MUSIC 322*	Elementary Piano II	(2)
MUSIC 323*	Elementary Piano III	(2)
MUSIC 324*	Elementary Piano IV	(2)
MUSIC 411	Elementary Voice I	(2)
MUSIC 412*	Elementary Voice II	(2)
MUSIC 413*	Elementary Voice III	(2)
MUSIC 414*	Elementary Voice IV	(2)
MUSIC 453*	Musical Theater Repertoire for Singers	(1)
MUSIC 650	Beginning Guitar	(2)
MUSIC 651	Classical Guitar I	(2)
MUSIC 652*	Classical Guitar II	(2)
MUSIC 653*	Classical Guitar III	(2)
MUSIC 654*	Classical Guitar IV	(2)

Total: 32-33.5

*# Cross-listed course. * This course has a prerequisite or corequisite.*

Music, *Continued next page*

CERTIFICATE OF ACHIEVEMENT IN COMMERCIAL MUSIC: JAZZ STUDIES

(Program Code 100500, State Code 31765)

The Jazz Studies certificate provides the student with career preparation for entry-level positions in the growing field of jazz studies. Students gain requisite skill sets, including mastery of jazz theory and techniques. Students collaborate with other students, arranging and performing jazz in a variety of situations, developing partnerships indicative of those that exist in a professional environment. Students benefit from the hands-on approach offered by Commercial Music faculty, with labs and ensembles being a primary source of both direct and collateral learning.

Estimated time to complete: 1.5 years.

COMPLETE THE FOLLOWING 8 REQUIRED COURSES:

MUSIC 137	Music as a Business	3
MUSIC 141	Jazz Appreciation	3
MUSIC 205*	Commercial Harmony I	3
MUSIC 206*	Commercial Harmony II	3
MUSIC 281*	Commercial Techniques I	3
MUSIC 321	Elementary Piano I	2
MUSIC 322*	Elementary Piano II	2
MUSIC 780	Jazz Combo Workshop	1

Total: 20

CERTIFICATE OF ACHIEVEMENT IN COMMERCIAL MUSIC: MUSIC ARRANGING

(Program Code 100503, State Code 11545)

The Certificate of Achievement in Music Arranging is designed for students pursuing careers in this field. The Certificate of Achievement in Music Arranging provides students with skills in music theory, ear-training, notation and arranging techniques, and music software used in the associated fields of Media Arts, Art, Dance and Theater. Students enjoy the hands-on approach offered by Commercial Music faculty.

COMPLETE THE FOLLOWING 11 REQUIRED COURSES:

MUSIC 137	Music as a Business	3
MUSIC 141	Jazz Appreciation	3
MUSIC 161	Introduction to Music Technology	3
MUSIC 205*	Commercial Harmony I	3
MUSIC 206*	Commercial Harmony II	3
MUSIC 241	Music Notation and Copying I	1
MUSIC 242*	Music Notation and Copying II	1
MUSIC 271	Songwriters' Workshop I	3
MUSIC 281*	Commercial Music Techniques I	3
MUSIC 282*	Commercial Music Techniques II	3
MUSIC 321	Elementary Piano I	2

Total: 28

CERTIFICATE OF ACHIEVEMENT IN COMMERCIAL MUSIC: MUSIC NOTATION

(Program Code 100505, State Code 31399)

Music Notation provides the student with career preparation for entry-level positions in the burgeoning fields of music notation and publishing. The student will learn and apply various music notation formats using computer software. Students collaborate with other students within the Music Department, developing partnerships indicative of those that exist in a professional environment. Students benefit from the hands-on approach offered by Commercial Music faculty, with labs being a primary source of learning.

COMPLETE THE FOLLOWING 6 REQUIRED COURSES:

MUSIC 101	Fundamentals of Music	3
MUSIC 137	Music as a Business	3
MUSIC 161	Introduction to Music Technology	3
MUSIC 241	Music Notation and Copying I	1
MUSIC 242*	Music Notation and Copying II	1
MUSIC 321	Elementary Piano I	2

Total: 13

CERTIFICATE OF ACHIEVEMENT IN COMMERCIAL MUSIC: MUSIC TECHNOLOGY

(Program Code 100502, State Code 08546)

The Music Technology certificate provides the student with career preparation for entry-level positions in the growing field of music technology. Students benefit from the hands-on approach offered by Commercial Music faculty with labs being a primary source of both direct and collateral learning.

COMPLETE THE FOLLOWING 8 REQUIRED COURSES:

MUSIC 101	Fundamentals of Music	3
MUSIC 137	Music as a Business	3
MUSIC 161	Introduction to Music Technology	3
MUSIC 165	Introduction to Recording Arts	3
MUSIC 241	Music Notation and Copying I	1
MUSIC 265-1	Recording Arts Workshop I	3
MUSIC 270	DJ Workshop	3
MUSIC 321	Elementary Piano I	2

Total: 21

*# Cross-listed course. * This course has a prerequisite or corequisite.*

NURSING

REGISTERED NURSE (AS)

(Program Code 123010, State Code 02969)

Students entering the Nursing program must follow the LACCD GE Plan in the catalog.

REGISTERED NURSING PROGRAM

The Associate Degree Registered Nursing Program is approved by the California Board of Registered Nursing (BRN) www.rn.ca.gov and accredited by the Accreditation Commission for Education in Nursing (ACEN) www.acenursing.org. The nursing program is designed to prepare graduates to function at entry-level Registered Nurses in the Health Care delivery system.

The Nursing Program is comprised of 39.5 units of Nursing Theory and Clinical experience, plus approximately 31 units of science and general education courses. Clinical experiences are provided in hospitals and various healthcare facilities in the community. The clinical experience correlates with classroom teaching of nursing theory, skills laboratory practicum, computer-assisted instruction (CAI), and simulation. Students who complete the BRN requirements and the college degree requirements will receive an Associate Degree of Science in Nursing. Students are encouraged to complete the degree requirements (i.e. attain graduation status) before taking the National Council Licensure Examination (NCLEX) www.ncsbn.org.

REQUIRED STEPS TO APPLY TO THE NURSING PROGRAM

The Los Angeles Valley College Nursing Program has two application periods: September for the Spring Semester and April for the Fall Semester. In order to obtain a Program Application, the following steps MUST be completed well in advance of the application filing period:

1. All students except current and returning LAVC students need to submit a college application to the LAVC Admissions Office. International students must first apply to the International Student Program.

2. All U.S. transcripts outside of the Los Angeles Community College District (LACCD) must be sent directly from the college attended to the LAVC Admissions Office. Please follow the instructions listed below. Hand-carried U.S. transcripts of any kind are NOT acceptable. In order to be an eligible applicant to the Nursing Program, official transcripts must be on file by the deadline posted on the Nursing website.

Order Official Transcripts
Order your Official Transcript on Parchment.com
Send Official Transcripts to LAVC

   A. We are receiving paper transcripts weekly.
   B. We are receiving electronic transcripts from eTranscript California. This is the best way to send transcripts to us. View list of eTranscript California Schools.
   C. Los Angeles Valley College also accepts transcripts from: Credential Solutions, National Student Clearninghouse, and Parchment Transcript Services.
   D. Have transcripts send to incomingtranscripts@lavc.edu from one of those organizations.

3. All transcripts outside of the U.S. must be evaluated according to the following procedures: :

   - Must complete 12 units with a "C" average within the LACCD prior to submitting any petition for credit.
   - Submit foreign transcripts to an LAVC approved foreign transcripts evaluation service to obtain credit recommendations.
   - LAVC will not accept foreign transcript credit conferred by another college toward program prerequisites.
   - Submit to the college's Petitions Committee a sealed copy of the evaluation service's credit recommendations along with a petition for approval of credit. Credit approval by the Petitions Committee is NOT automatic (see a counselor for details).

4. Request a Nursing Prerequisite Evaluation from the Counseling Department by following the steps outlined below. Do not submit a Nursing Prerequisite Evaluation Request if you have previously received an evaluation from a counselor. For further assistance, you can contact the Counseling Help Desk.
   A. Go to the Nursing Webpage's "How to Apply" section, and download the Nursing Prerequisite Evaluation Form.
   B. Please fill out the Nursing Prerequisite Evaluation and submit the form online to the Counseling's Evaluation Upload Link on the Nursing Webpage for review.
   C. The Counseling Department will email the signed Nursing Prerequisite Evaluation form back to the applicant once verified.
   D. Download and fill out a Nursing Application located on the Nursing Webpage "How to Apply" section.
   E. The signed Nursing Prerequisite Evaluation and completed Nursing Application can then be uploaded to the Nursing Program's Application Upload Link.

For more detailed information please refer to the Nursing Webpage's "How to Apply" section.

SELECTION PROCESS

- Nursing Program application and transcripts will be evaluated using the criteria from the Chancellor's Office Validation Study. The Chancellor's Office Validation Study is based on predicting student success in the nursing program. The Chancellor's Office Validation Study evaluates the student's overall grade point average (GPA of Anatomy, Physiology, Microbiology, and English, and the repetitions of Anatomy, Physiology and Microbiology). This evaluation criterion establishes a "cut score". Students must receive a cut score of 80 or above on the Chancellor's Office Validation Study to be considered for admission into the nursing program.

- Students who successfully receive a cut score of 80 or above on the Chancellor's Office Validation Study will be required to submit their "TEAS" (Test of Essential Academic Skills) admission examination results. Students who have previously taken the TEAS exam must call ATI to submit results to LAVC. Only the FIRST score received on the TEAS will be accepted. Students who have not taken the TEAS examination will be invited to take the examination on campus. The "ATI TEAS," effective August 2016, admission examination consists of 170 questions, proctored, standardized assessment which evaluates each student on skills in reading, math, science, and English language. Students may prepare for the "TEAS" admission examination by purchasing from the bookstore the TEAS Pre-Test Study Manual prior to taking the admission examination. The minimum required "TEAS" score is 62% to pass. Will implement ATI TEAS VII upon release, however will accept TEAS VI results if a student took this version before the release of TEAS VII.

- If the number of eligible applicants exceeds the number of seats available for entrance into the nursing program, a random drawing of the eligible applicants is conducted.

- All applicants will receive a letter of acceptance or denial from the nursing department by email after the process is completed.

- Students accepted into the nursing program must return an

Nursing, *Continued next page*

acceptance card by the posted date or their seat will be given to the next eligible applicant.

- All students not selected into the Nursing Program may reapply the next application period if they wish to be considered again; there is no waiting list.
- NO application will be kept on file, and all applications will be destroyed.

NURSING PROGRAM PREREQUISITES

1. ANATOMY 001*, minimum of 4 semester units or 6 quarter units.
2. PHYSIOL 001*, minimum of 4 semester units or 6 quarter units.
3. MICRO 020* -or- an equivalent General Microbiology course with lab minimum of 4 semester units or 6 quarter units.
4. PSYCH 001 minimum of 3 semester units or 4.5 quarter units.
5. PSYCH 041* minimum of 3 semester units or 4.5 quarter units.
6. ENGLISH 101 minimum of 3 semester units or 4.5 quarter units.
7. One college Chemistry course with a lab, CHEM 051 or equivalent, (or one year High School Chemistry with a lab).
8. Students placed into a transfer-level math course will have met the math requirement.

To graduate from the college and receive an AS degree in nursing, the following Program and General Education requirements must be completed in the order listed below and prior to graduation. The Nursing Faculty strongly encourages students to complete all coursework prior to entering the Nursing Program.

- Communication Studies 101 minimum of: 3 semester or 4.5 quarter units must be completed prior to entering the 3rd semester of the nursing program.
- Humanities – three semester units, area “C” of the LACCD GE Plan, completed prior to entering the 4th semester of the nursing program.
- American Institutions Requirement- 3 semester units, under LACCD GE Plan Area B1, must be completed by the end of the 4th semester of the Nursing Program.
- Kinesiology - LACCD GE Area E shall be waived for degrees in Nursing (AP 4100).

NURSING SCIENCE COURSES

COMPLETE THE FOLLOWING 12 REQUIRED COURSES:

NRSCE 101*	Introduction to Nursing	3.5
NRSCE 102*	Fundamentals of Nursing	3.5
NRSCE 103*	Nursing Process	1
NRSCE 104*	Nursing Communication	1
NRSCE 105*	Nursing Pharmacology	2
NRSCE 106*	Medical-Surgical Nursing I	5.5
NRSCE 107*	Medical-Surgical Nursing II	5.5
NRSCE 108*	Medical-Surgical Nursing III	4
NRSCE 109*	Gerontology & Community Based Nursing	2.25
NRSCE 110*	Psychiatric-Mental Health Nursing	3.25
NRSCE 111*	Reproductive Nursing and Womens Health	4
NRSCE 112*	Care of Children and Family	4

Total: 39.5

*# Cross-listed course. * This course has a prerequisite or corequisite.*

All nursing courses must be completed with a grade of C or better to be eligible to apply for NCLEX-RN examination.

GRADUATION

Please refer to the LACCD GE Plan in this catalog. Only students who meet degree requirements are considered graduates. Degree students must petition to graduate. Petitions may be obtained in the Graduation Office. It is recommended that students petition during the third semester so that if there are problems they can be rectified during the fourth semester whenever possible.

STUDENT DISCIPLINE

Students in the nursing program are subject to the LACCD Student Code of Conduct. Violations of the code of conduct may result in suspension or expulsion from the nursing program.

ATTENDANCE

Attendance at all scheduled nursing classes, theory, clinical, and Skills Lab, is expected and if absences in hours exceed the number of hours the class meets per week, the student will be excluded from the class.

TRANSPORTATION

Each student is responsible for his or her own transportation to the clinical facilities.

WEEKEND AND EVENING ALTERNATIVE CLINICAL ROTATIONS

Some clinical experiences may be scheduled on Fridays, Saturdays and Sundays as well as day shifts, evening shifts, and night shifts. Students must be prepared to attend alternate schedules when necessary. Child care or work schedule conflicts will not be considered a reason for exemption from an evening or weekend rotation.

ADVANCED PLACEMENT

A vocational nurse who is licensed to practice in the State of California, may apply for advanced placement. Advanced placement is not given to Certified Nursing Assistants, Psychiatric Technicians or other allied health professionals. For further information regarding career mobility options for LVNs, please contact the Health Science Office.

LVN 30-UNIT OPTION

A vocational nurse, who is licensed to practice in the State of California, may apply for LVN 30-Unit Option. LVN 30-Unit Option is not given to Certified Nursing Assistants, Psychiatric Technicians, or other allied health professionals. For further information regarding career mobility options for LVNs, please contact the Health Science Department.

CREDIT BY EXAMINATION

The Health Science Department follows the same policies as the college. See information in the Academic Policy section of this catalog. For further information, see the Department Chairperson.

ADVISEMENT

The schedule of Online Advisement Meetings can be found on the Nursing Webpage. These sessions will provide information on how to apply to the Los Angeles Valley College Nursing Program. Upon being accepted to the Nursing Program, Nursing Students should meet with a counselor to be sure they will have the general education classes required for graduation. If the student has completed courses outside of the L.A. Community College District, they need to schedule a transcript evaluation appointment with a counselor to determine if a course can be applied to their graduation requirements.

PHILOSOPHY

For the Associate in Arts in Philosophy for Transfer Degree see page 52.

PHILOSOPHY (AA)

(Program Code 150900, State Code 02974)

Philosophy is the critical investigation of the basic concepts that shape our lives. It therefore inquires into the basic nature of concepts like truth, justice, rightness, knowledge, beauty, and reality. In addition, philosophy attempts to apply our understanding of these basic concepts to the important decisions made by both individuals and societies. Because philosophy aims at clarity at the level of language and thought, it is applicable not only to the natural and social sciences, but also to the moral, practical and evaluative decisions we make on a daily basis.

COMPLETE THE FOLLOWING 4 REQUIRED COURSES:

PHILOS 009	Symbolic Logic I	3
PHILOS 012	History of Greek Philosophy	3
PHILOS 014	History of Modern European Philosophy	3
PHILOS 020	Ethics	3

COMPLETE 2 COURSES FROM THE FOLLOWING:

ECON 040	History of Economic Thought	(3)
PHILOS 001	Introduction to Philosophy	(3)
PHILOS 006	Logic in Practice	(3)
PHILOS 028	Environmental Ethics	(3)
PHILOS 030	Asian Philosophy	(3)
PHILOS 035#	Judaism, Christianity and Islam	(3)
PHILOS 045	Philosophy of Labor	(3)

Total: 18

PHOTOGRAPHY

PHOTOGRAPHY (AA)

(Program Code 101200, State Code 41008)

The successful completion of this degree will give students a thorough background in the aesthetics of analog and digital photography, and experience in creating photographs for various purposes, from the planning stages, the technical aspects of the camera and lighting, aesthetic choices, to portfolio development. Students will have the flexibility to take one of two routes within the degree: Photojournalism or Creative/Commercial Photography.

COMPLETE THE FOLLOWING 3 REQUIRED COURSES:

PHOTO 010	Beginning Photography	3
PHOTO 011*	Advanced Photography	4
PHOTO 150*	Portfolio Development	3

SELECT 3 COURSES FROM THE FOLLOWING:

ART 125	History of Photography I	(3)
JOURNAL 101	Collecting and Writing News	(3)
MEDIART 104	Photoshop for Motion Pictures and Television	(3)
PHOTO 015*	Fundamentals of Portraiture	(3)
PHOTO 016*	Fundamental Commercial Photography	(3)
PHOTO 020*	Beginning Photojournalism	(4)
PHOTO 021*	News Photography	(4)

Total: 19-21

CERTIFICATE OF ACHIEVEMENT IN PHOTOGRAPHY

(Program Code 101200, State Code 40662)

The successful completion of this certificate will give students a thorough background in the aesthetics of analog and digital photography, and experience in creating photographs for various purposes, from the planning stages, the technical aspects of the camera and lighting, aesthetic choices, to portfolio development. Students will have the flexibility to take one of two routes within the certificate: Photojournalism or Creative/Commercial Photography.

COMPLETE THE FOLLOWING 3 REQUIRED COURSES:

PHOTO 010	Beginning Photography	3
PHOTO 011*	Advanced Photography	4
PHOTO 150*	Portfolio Development	3

SELECT 3 COURSES FROM THE FOLLOWING:

ART 125	History of Photography I	(3)
JOURNAL 101	Collecting and Writing News	(3)
MEDIART 104	Photoshop for Motion Pictures and Television	(3)
PHOTO 015*	Fundamentals of Portraiture	(3)
PHOTO 016*	Fundamental Commercial Photography	(3)
PHOTO 020*	Beginning Photojournalism	(4)
PHOTO 021*	News Photography	(4)

Total: 19-21

PHYSICAL EDUCATION

For the Associate in Arts in Kinesiology for Transfer Degree see page 51.

PHYSICS

For the Associate in Science in Physics for Transfer Degree see page 53.

PHYSICS (AS)

(Program Code 190200, State Code 02976)

Students will learn about the major topics in classical physics–mechanics, electricity and magnetism, thermodynamics and wave theory. They will also be introduced to topics in modern physics--quantum theory, atomic structure and relativity theory. Calculus will be used to solve problems in these areas. This degree partially meets the guidelines of the University of California Transfer Pathways for students wishing to complete a bachelor's degree in physics at a UC campus.

For transfer to a UC campus students must also complete the following general education requirements: (a) two college-level courses in English composition (b) a total of four semester courses in two of the following areas: Arts and Humanities, Social and Behavioral Sciences, or Physical or Biological Sciences. It is also highly recommended that students complete Linear Algebra (Math 270) and Ordinary Differential Equations (Math 275).

COMPLETE THE FOLLOWING 8 REQUIRED COURSES:

CHEM 101*	General Chemistry I	5
CHEM 102*	General Chemistry II	5
MATH 261*	Calculus I	5
MATH 262*	Calculus II	5
MATH 263*	Calculus III	5
PHYSICS 037*	Physics for Engineers and Scientists I	5
PHYSICS 038*	Physics for Engineers and Scientists II	5
PHYSICS 039*	Physics for Engineers and Scientists III	5

Total: 40

*# Cross-listed course. * This course has a prerequisite or corequisite.*

POLITICAL SCIENCE

For the Associate in Arts in Political Science for Transfer Degree see page 53.

POLITICAL SCIENCE (AA)

(Program Code 220700, State Code 02987)

Political Science is the academic study of the state, government, and politics. The discipline deals with the theory and practice of politics, political systems, and political behavior. The Political Science AA degree helps prepare students for careers in fields such as law, education, journalism, and governmental service. This degree can serve as the basis for further undergraduate education in political science.

COMPLETE THE FOLLOWING 5 REQUIRED COURSES:

LAW 003	Civil Rights and the Law	3
POL SCI 001	The Government of the United States	3
POL SCI 002	Introduction to Comparative Politics	3
POL SCI 005	The History of Western Political Thought	3
POL SCI 007	Contemporary World Affairs	3

COMPLETE 1 COURSE FROM THE FOLLOWING:

AFRO AM 004	The African American in the History of the U.S. I	(3)
HISTORY 012	Political and Social- History of the United States from 1865	(3)
HISTORY 020	History of California and the Pacific Coast	(3)

Total: 18

PSYCHOLOGY

For the Associate in Arts in Psychology for Transfer Degree see page 53.

RELIGIOUS STUDIES

RELIGIOUS STUDIES (AA)

(Program Code 151000, State Code 38959)

The Associate of Arts in Religious Studies offers a coordinated set of classes that focuses on the analysis and comparison of religious traditions using methods from a variety of disciplines. Students take religious studies courses to fulfill general education requirements in humanities or social sciences, and can transfer to 4-year programs in related majors. With a bachelor's degree in religious studies, students pursue careers in law, business, public and political service, and education. A religious studies major also prepares students for graduate studies in the discipline and for professional seminary and divinity school.

COMPLETE THE FOLLOWING 3 REQUIRED COURSES:

HISTORY 007	The World's Great Religions	3
PHILOS 031	Philosophy of Religion	3
PHILOS 035#	Judaism, Christianity and Islam (or JEWISH 035)	3

COMPLETE 3 COURSES FROM THE FOLLOWING:

ANTHRO 121	Anthropology of Religion, Magic and Witchcraft	(3)
ENGLISH 252*	The English Bible as Literature	(3)
JEWISH 002	The Jewish Religious Heritage	(3)
JEWISH 011	Elementary Hebrew I	(5)
JEWISH 012*	Elementary Hebrew II	(5)
JEWISH 025	The History of the Jewish People	(3)
PHILOS 012	History of Greek Philosophy	(3)
PHILOS 030	Asian Philosophy	(3)

Total: 18-22

*# Cross-listed course. * This course has a prerequisite or corequisite.*

RESPIRATORY THERAPY

RESPIRATORY THERAPY (AS)

(Program Code 121000, State Code 02970)

RESPIRATORY THERAPY PROGRAM

The LAVC Respiratory Therapy Program (COARC # 200210) is accredited by the Commission on Accreditation for Respiratory Care. Respiratory Care Practitioners are licensed by the Respiratory Care Board of California under the Department of Consumer affairs.

CoARC
1248 Harwood Road
Bedford, TX 76021-4244
Phone: 817-283-2835
Fax: 817-354-8519
Website: www.coarc.com/

PROGRAM REQUIREMENTS

Program requirements are divided into two phases. Any student may enroll in Phase I, with scheduled counseling recommended. Formal application must be made for admission to Phase II. The requirements for the Respiratory Therapist Program also meet the AS Degree major requirements. Please see the Respiratory Therapy Director for specific equipment requirements that students must provide and the estimated cost of these.

REQUIREMENTS NECESSARY FOR ACCEPTANCE INTO PHASE II INCLUDE:

1. High school diploma or equivalent
2. Grade of C or better in all Phase I courses
3. Physical examination (Pass rating)
4. Formal application to the program

RESPIRATORY CARE PRACTITIONER LICENSE

Fulfillment of the Respiratory Therapist Program requirements can lead to California licensed practice as a respiratory care practitioner (RCP), working in such areas as:

- Adult Intensive Care
- Emergency and Trauma Care
- Pulmonary Rehabilitation and Home Care
- Neonatal and Pediatric Intensive Care
- Cardiopulmonary Function Testing

REQUIRED COURSES: (PHASE I)

Fall

RESP TH 002*	Fundamentals of Respiratory Therapy	4

The following Resp Th 2 corequisites must be completed before or during the Fall Semester:

ANATOMY 001*	Introduction to Human Anatomy	4
CHEM 051	Fundamentals of Chemistry I	5
MICRO 020*	General Microbiology or a 4-unit General Microbiology Course	4
PHYSICS 005	Allied Health Physics	3
PHYSIOL 001*	Introduction to Human Physiology	4
PSYCH 001	General Psychology I	3
RESP TH 001	Introduction to Respiratory Therapy	1

REQUIRED COURSES: (PHASE II)

Spring

RESP TH 006*	Respiratory Physiology	4
RESP TH 015*	Introduction to Clinical Experience	4

Summer

RESP TH 003*	Applications of Respiratory Therapy & Clinical Experience I	5

Fall

RESP TH 004*	Applications of Respiratory Therapy & Clinical Experience II	5
RESP TH 007*	Applied Medicine and Pathology	3
RESP TH 008*	Administrative Procedures of Respiratory Therapy	1
RESP TH 023*	Advanced Respiratory Pathophysiology	1

Winter

RESP TH 005*	Applications of Respiratory Therapy & Clinical Experience III	5

Spring

RESP TH 011*	Applications of Respiratory Therapy & Clinical Experience IV	5

Total: 61

ACCREDITATION

LAVC's Advanced Level Respiratory Therapy Program is accredited by the Commission on Accreditation of Respiratory Care (CoARC). Any questions or information about LAVC's RT program (CoARC #200210) or any other accredited RT schools please contact:
CoARC
1248 Harwood Road
Bedford, TX 76021-4244
Phone: 817-283-2835
Fax: 817-354-8519
Website: http://coarc.com/

CLINICAL AREA PERFORMANCE

Clinical area performance will be graded pass or fail as evaluated by the clinical instructors. Failure in the clinical area means failure in the course regardless of the grade in theory. Attendance at all scheduled classes is expected, and if absences from clinical laboratory in any one semester exceed four days, the student may be excluded from the Respiratory Therapy Program. The Health Science Department reserves the right to refuse a student continuation in the program if a grade of C or better is not maintained or if the student is unable to perform safely in the clinical area.

ASSOCIATE DEGREE

Certificates may be issued to students completing requirements in the Respiratory Therapy Program. Pursuant to California RCP license law, an Associate Degree will be required. Students obtaining an AS Degree in Respiratory Therapy must complete General Education Requirements - LACCD Plan, described on page 40 as well as the unit, scholastic, residence, and general competency requirements described on page 40. Previously attained higher than an AS degrees may be applicable. For further information regarding graduation requirements please contact (818) 947-2559. Foreign medical or Academic degrees are not recognized by the NBRC or California RCB.

ADDITIONAL PROGRAM REQUIREMENTS

National Credential Exams

Upon completion of an Associate of Science Degree in Respiratory Therapy, the graduate will be eligible to take the National Board of Respiratory Care's (NBRC) exams in order to obtain an entry-level Certified Respiratory Therapy (CRT) credential and an advanced-level

*# Cross-listed course. * This course has a prerequisite or corequisite.*

Respiratory Therapy, *Continued next page*

Registered Respiratory Therapist (RRT) credential. The NBRC has two exams. The first exam is the Therapist Multiple Choice exam (TMC). The TMC exam has an entry-level CRT cut score and an advanced RRT cut score. Graduates must achieve the RRT cut score to be eligible to take the second exam which is the Clinical Simulation Exam (CSE). An RRT credential will be awarded upon passing the CSE exam. Effective January 1, 2015 the California Respiratory Care Board will only issue licenses to applicants that have a RRT credential.

For further information about national RT credentials and eligibility requirements, contact the NBRC. For more information about state RT license requirements, contact the California Respiratory Care Board.

NBRC EXECUTIVE OFFICE

10801 Mastin Street, Suite 300
Overland Park, KS 66210
Email: nbrc-info@nbrc.org
Toll-Free: 888.341.4811
Phone: 913.895.4900
Fax: 913.712.9283
Website: www.nbrc.org

RESPIRATORY CARE PRACTITIONER LICENSE

Upon completion of an accredited Respiratory Therapy program and an Associate of Science in Respiratory Therapy, the graduates apply for their California Respiratory Care Practitioner (RCP) through the Respiratory Care Board (RCB) of California. Graduates must pass the NBRC RRT passing rate for the TMC and Clinical Simulation exams (CSE) to obtain an RCP license in California..

RESPIRATORY CARE BOARD OF CALIFORNIA

444 North 3rd Street, Suite 270
Sacramento, CA 95811
Main Telephone: (916) 323-9983
Toll Free in California (866) 375-0386
Fax: (916) 323-9999
Website: www.rcb.ca.gov
E-mail: rcbinfo@dca.ca.gov

CRIMINAL BACKGROUND CHECK

Federal healthcare regulations (Joint Commission on Accreditation for Healthcare Organizations "JCAHO") and the Respiratory Care Board of California require criminal background checks on all license healthcare professionals and students.

LAVC RESPIRATORY THERAPY PROGRAM APPLICATION PROCESS

Applications for the Phase II clinical training portion of the Respiratory Therapy Program are accepted during the fall semester for students who have enrolled in or have completed RESP TH 002. All students must consult with a counselor to have all RESP TH 002 prerequisites verified before enrolling in RESP TH 002. Complete application process information is available at the counseling department, Allied Health Science Department, and the LAVC Respiratory Therapy web site: lavc.edu/restherapy

ADDITIONAL REQUIREMENTS FOR PHASE II STUDENTS:

Students must have a valid BLS CPR American Heart Association, criminal background check, malpractice insurance, (fire safety Card), LAVC Student ID, Social Security or Visa, drug screen, and a physical exam that includes TB testing, immunizations, and titers. (see Respiratory Therapy Program requirements under Educational Programs in LAVC catalog.)

CERTIFICATE REQUIREMENTS:

CERTIFICATE OF ACHIEVEMENT IN RESPIRATORY THERAPY

(Program Code 121000, State Code 21899)

While a certificate of achievement in Respiratory Therapy issued by LAVC is recognition of completing all of the courses in the Respiratory Therapy program, it should be noted that this does not meet the requirements for the NBRC or the California Respiratory Care Board. The NBRC and the State California Respiratory Care Board **require an Associate of Science degree in Respiratory Care** in order to be eligible to take the national RRT Credential exams (TMC & CS) and to apply for a state Respiratory Care Practitioner License.

Please see description and course requirements of the Respiratory Therapy Program above.

SOCIOLOGY

For the Associate in Arts in Sociology for Transfer Degree see page 53.

The Sociology Program offers an Associate Degree for Transfer (AA-T) in Sociology and two options for an Associate of Arts Degree (AA) in Sociology (Sociology and Sociology: Social Welfare). These degrees provide a strong foundation in the social sciences and build skills in the ability to communicate to different audiences, examine multiple sources of information and data, and more effectively work toward social justice. The AA-T in Sociology prepares students to transfer to a CSU with their lower-division preparation work in Sociology completed, and offers priority admission to CSUs in our service area. The AA in Sociology (Social Welfare) prepares students to work in social and human services. The AA in Sociology (General) can serve as a basis for employment in a diverse workforce or further undergraduate education in sociology.

SOCIOLOGY (AA)

(Program Code 220800, State Code 02988)

COMPLETE THE FOLLOWING 3 REQUIRED COURSES:

SOC 001	Introduction to Sociology	3
SOC 002	American Social Problems	3
SOC 012	Marriage and Family Life	3

COMPLETE 9-10 UNITS FROM THE FOLLOWING COURSES:

SOC 003	Crime and Delinquency	(3)
SOC 004*	Sociological Analysis	(3)
SOC 011	Race and Ethnic Relations	(3)
SOC 017	Introduction to Counseling	(3)
SOC 021	Human Sexuality	(3)
SOC 025	Drugs and Culture	(3)
SOC 031	Sociology of Gender	(3)
SOC 084	SIMSOC:Simulated Society	(1)
STAT 101*	Statistics for the Social Sciences	(4)

Total: 18-19

*# Cross-listed course. * This course has a prerequisite or corequisite.*

Sociology, *Continued next page*

SOCIOLOGY: SOCIAL WELFARE (AA)

(Program Code 220801, State Code 10768)

COMPLETE THE FOLLOWING 4 REQUIRED COURSES:

SOC 001	Introduction to Sociology	3
SOC 017	Introduction to Counseling	3
SOC 019	Introduction to the Social Services	3
SOC 020	Directed Practice in Social Welfare	3

COMPLETE 6 UNITS FROM THE FOLLOWING COURSES:

SOC 002	American Social Problems	(3)
SOC 003	Crime and Delinquency	(3)
SOC 004*	Sociological Analysis	(3)
SOC 011	Race and Ethnic Relations	(3)
SOC 012	Marriage and Family Life	(3)
SOC 021	Human Sexuality	(3)
SOC 025	Drugs and Culture	(3)
SOC 031	Sociology of Gender	(3)
SOC 084	SIMSOC:Simulated Society	(1)
STAT 101*	Statistics for the Social Sciences	(4)

Total: 18

SPANISH

For the Associate in Arts in Spanish for Transfer Degree see page 54

SPANISH (AA)

(Program Code 110500, State Code 02967)

This degree provides solid foundation in the study of Spanish for those wishing to continue their education in languages. Students will be able to demonstrate effective skills in the four major areas of language study (reading, writing, speaking, and listening comprehension), and demonstrate knowledge of the global society, and the role of Spanish-speaking nations and of the Spanish language and Hispanic cultures in the contemporary world.

COMPLETE 3 COURSES FROM THE FOLLOWING:

SPANISH 001	Elementary Spanish I	(5)
SPANISH 002*	Elementary Spanish II	(5)
SPANISH 003*	Intermediate Spanish I	(5)
SPANISH 004*	Intermediate Spanish II	(5)
SPANISH 005*	Advanced Spanish Through Latin American Literature	(5)
SPANISH 006*	Advanced Spanish Through Spanish Literature	(5)
SPANISH 035	Spanish for Spanish Speakers I	(5)
SPANISH 036*	Spanish for Spanish Speakers II	(5)
SPANISH 037*	Composition & Conversation for Spanish Speakers	(5)

COMPLETE 3 UNITS FROM THE FOLLOWING:

LING 001	Introduction to Language and Linguistics	(3)
SPANISH 009	Hispanic Civilization	(3)
SPANISH 012#	Survey of Mexican Literature	(3)
SPANISH 016#	Mexican Civilization	(3)
SPANISH 025	Spanish American Short Story in Translation	(3)
SPANISH 048	Introduction to Spanish Translation I	(3)

Total: 18

*# Cross-listed course. * This course has a prerequisite or corequisite.*

CERTIFICATE REQUIREMENTS:

SKILLS CERTIFICATE IN SPANISH LANGUAGE

(Program Code 110501)

The Spanish Language Skills Certificate certifies that a student possesses the oral fluency of a Spanish native speaker, as well as the written and cultural skills necessary to effectively communicate in Spanish in the workplace, with the public, with community and government agencies, or in a professional environment in general without having to complete an AA degree in Spanish. The certificate requires a minimum of 13 units, and students must pass the written and oral exams given at the end of Spanish 37 with a C or better.

COMPLETE THE FOLLOWING 2 REQUIRED COURSES:

SPANISH 036*	Spanish for Spanish Speakers II	5
SPANISH 037*	Composition and Conversation for Spanish Speakers	5

COMPLETE 1 COURSE FROM THE FOLLOWING:

SPANISH 005*	Advanced Spanish Through Latin American Literature	(5)
SPANISH 027*	Cultural Awareness through Conversation	(3)
SPANISH 048*	Introduction to Spanish Translation I	(3)

Total: 13-15

THEATER ARTS

For the Associate in Arts in Theatre Arts for Transfer Degree see page 54.

Students earning the Theater Arts AA Degrees with an option in Acting, Directing, and Technical have obtained skills for entry-level employment in theater or for career advancement.

THEATER ARTS (AA)

(Program Code 100700, State Code 02963)

This degree can serve as a basis for further undergraduate education in theater arts.

COMPLETE THE FOLLOWING 3 REQUIRED COURSES:

THEATER 100	Introduction to the Theater	3
THEATER 270	Beginning Acting	3
THEATER 301	Stage Craft	3

COMPLETE 1 COURSE FROM THE FOLLOWING:

THEATER 110	History of the World Theater	(3)
THEATER 112	History of World Theater II	(3)

COMPLETE 3 UNITS FROM THE FOLLOWING:

THEATER 232**	Play Production II	(2)
THEATER 233**	Play Production III	(3)
THEATER 291**	Rehearsals and Performances I	(1)
THEATER 292**	Rehearsals and Performances II	(2)
THEATER 293**	Rehearsals and Performances III	(3)

COMPLETE 3-5 UNITS FROM THE FOLLOWING COURSES:

THEATER 110	History of the World Theater	(3)
THEATER 112	History of World Theater II	(3)
THEATER 185	Directed Study - Theater	(1)
THEATER 225	Beginning Direction	(3)
THEATER 240	Voice and Articulation for the Theater	(3)
THEATER 272*	Intermediate Applied Acting	(3)
THEATER 275	Scene Study	(2)
THEATER 317	Color and Design for the Theater	(3)
THEATER 325*	Advanced Stage Craft	(3)
THEATER 450	Beginning Stage Make-Up	(3)

** Audition and/or interview required.

Total: 18-20

Theater Arts, *Continued next page*

THEATER ARTS: ACTING (AA)

(Program Code 100701, State Code 10760)

COMPLETE THE FOLLOWING 9 REQUIRED COURSES:

THEATER 100	Introduction to the Theater	3
THEATER 110	History of the World Theater	3
THEATER 112	History of World Theater II	3
THEATER 240	Voice and Articulation for the Theater	3
THEATER 270	Beginning Acting	3
THEATER 272*	Intermediate Applied Acting	3
THEATER 274*	Advanced Applied Acting	3
THEATER 301	Stage Craft	3
THEATER 450	Beginning Stage Make-up	3

COMPLETE 9 UNITS FROM THE FOLLOWING COURSES:

THEATER 232**	Play Production II	(2)
THEATER 233**	Play Production III	(3)
THEATER 291**	Rehearsals and Performances I	(1)
THEATER 292**	Rehearsals and Performances II	(2)
THEATER 293**	Rehearsals and Performances III	(3)
THEATER 185**	Directed Study - Theater	(1)
THEATER 285**	Directed Study - Theater	(2)
THEATER 385**	Directed Study - Theater	(3)

** Audition and/or interview required.

Total: 36

THEATER ARTS: DIRECTING (AA)

(Program Code 100703, State Code 08550)

COMPLETE THE FOLLOWING 9 REQUIRED COURSES:

THEATER 100	Introduction to the Theater	3
THEATER 110	History of the World Theater	3
THEATER 112	History of World Theater II	3
THEATER 225	Beginning Direction	3
THEATER 227*	Advanced Direction	3
THEATER 270	Beginning Acting	3
THEATER 301	Stage Craft	3
THEATER 310	Introduction to Theatrical Lighting	3
THEATER 325*	Advanced Stage Craft	3

COMPLETE 1 COURSE FROM THE FOLLOWING:

THEATER 232**	Play Production II	(2)
THEATER 233**	Play Production III	(3)
THEATER 291**	Rehearsals and Performances I	(1)
THEATER 292**	Rehearsals and Performances II	(2)
THEATER 293**	Rehearsals and Performances III	(3)

COMPLETE 6-8 UNITS FROM THE FOLLOWING COURSES:

ART 102	Survey of Art History II	(3)
THEATER 232**	Play Production II	(2)
THEATER 233**	Play Production III	(3)
THEATER 272*	Intermediate Applied Acting	(3)
THEATER 275	Scene Study	(2)
THEATER 291	Rehearsals and Performances I	(1)
THEATER 292	Rehearsals and Performances II	(2)
THEATER 293	Rehearsals and Performances III	(3)
THEATER 315	Introduction to Theatrical Scenic Design	(3)
THEATER 317	Color and Design for the Theater	(3)
THEATER 450	Beginning Stage Make-up	(3)
THEATER 185	Directed Study - Theater	(1)
THEATER 285	Directed Study - Theater	(2)
THEATER 385	Directed Study - Theater	(3)

** Audition and/or interview required.

Total: 34-38

THEATER ARTS: TECHNICAL (AA)

(Program Code 100600, State Code 08548)

COMPLETE THE FOLLOWING 9 REQUIRED COURSES:

THEATER 100	Introduction to the Theater	3
THEATER 110	History of the World Theater	3
THEATER 112	History of World Theater II	3
THEATER 270	Beginning Acting	3
THEATER 301	Stage Craft	3
THEATER 310	Introduction to Theatrical Lighting	3
THEATER 315	Introduction to Theatrical Scenic Design	3
THEATER 317	Color and Design for the Theater	3
THEATER 325*	Advanced Stage Craft	3

COMPLETE 3 UNITS FROM THE FOLLOWING:

THEATER 232**	Play Production II	(2)
THEATER 233**	Play Production III	(3)
THEATER 291**	Rehearsals and Performances I	(1)
THEATER 292**	Rehearsals and Performances II	(2)
THEATER 293**	Rehearsals and Performances III	(3)

COMPLETE 6-8 UNITS FROM THE FOLLOWING COURSES:

ART 101	Survey of Art History I	(3)
ART 102	Survey of Art History II	(3)
THEATER 225	Beginning Direction	(3)
THEATER 232**	Play Production I	(2)
THEATER 233**	Play Production II	(3)
THEATER 291**	Rehearsals and Performances I	(1)
THEATER 292**	Rehearsals and Performances II	(2)
THEATER 293**	Rehearsals and Performances III	(3)
THEATER 405	Costume Design	(3)
THEATER 450	Beginning Stage Make-up	(3)
THEATER 451*	Advanced Stage Make-up	(3)
THEATER 185	Directed Study - Theater	(1)
THEATER 285	Directed Study - Theater	(2)
THEATER 385	Directed Study - Theater	(3)

** Audition and/or interview required.

Total: 36-38

*# Cross-listed course. * This course has a prerequisite or corequisite.*

Theater Arts, *Continued next page*

CERTIFICATE REQUIREMENTS:

SKILLS CERTIFICATE IN MUSICAL THEATER

(Program Code 100704)

This certificate program is designed to channel the student who wishes to emphasize performance in the musical theater. Completion of the certificate will enable a student to more effectively audition and seek professional acting, singing and dancing jobs in the specialized area of musical theater stage performance.

Estimated time to complete: 1.5 years.

COMPLETE THE FOLLOWING 6 REQUIRED COURSES:

DANCETQ 111	Ballet Techniques I	1
DANCETQ 151	Dance for Film and Stage I	1
MUSIC 411	Elementary Voice I	2
THEATER 270	Beginning Acting	3
THEATER 272*	Intermediate Applied Acting	3
THEATER 279	Musical Theater	2

COMPLETE 1 COURSE FROM THE FOLLOWING:

THEATER 280**	Musical Theater Workshop I	(3)
THEATER 281	Musical Theater Workshop II	(3)

** Audition and/or interview required.

Total: 15

CERTIFICATE OF ACHIEVEMENT IN THEATER PRODUCTION

(Program Code 100702, State Code 08551)

Students earning this certificate have obtained skills for entry-level employment in the theater.

Estimated time to complete: 2 years.

COMPLETE THE FOLLOWING 6 REQUIRED COURSES:

THEATER 110	History of the World Theater	3
THEATER 225	Beginning Direction	3
THEATER 270	Beginning Acting	3
THEATER 301	Stage Craft	3
THEATER 310	Introduction to Theatrical Lighting	3
THEATER 315	Introduction to Theatrical Scenic Design	3

COMPLETE 1 COURSE FROM THE FOLLOWING:

THEATER 232**	Play Production II	(2)
THEATER 233**	Play Production III	(3)
THEATER 291**	Rehearsals and Performances I	(1)
THEATER 292**	Rehearsals and Performances II	(2)
THEATER 293**	Rehearsals and Performances III	(3)

COMPLETE 2 COURSES FROM THE FOLLOWING:

ART 501	Beginning Two-Dimensional Design	(3)
EGT 213*	Introduction to AutoCAD	(3)
THEATER 227*	Advanced Direction	(3)
THEATER 317	Color and Design for the Theater	(3)
THEATER 325*	Advanced Stage Craft	(3)
THEATER 450	Beginning Stage Make-Up	(3)

** Audition and/or interview required.

Total: 24-27

SKILLS CERTIFICATE IN THEATRICAL PERFORMANCE

(Program Code 100601)

This skills certificate is designed to channel the student's training to emphasize the performance aspect of theater through the use of scripted material and improvisational techniques. Completion of the certificate will enable a student to more effectively audition and seek professional acting jobs in both the stage and film industries.

Estimated time to complete: 1 year.

COMPLETE THE FOLLOWING 3 REQUIRED COURSES:

THEATER 270	Beginning Acting	3
THEATER 272*	Intermediate Applied Acting	3
THEATER 274*	Advanced Applied Acting	3

COMPLETE 1 COURSE FROM THE FOLLOWING:

THEATER 240	Voice and Articulation for the Theater	(3)
THEATER 275	Scene Study	(2)
THEATER 279	Musical Theater	(3)

COMPLETE 3 UNITS FROM THE FOLLOWING COURSES:

THEATER 232**	Play Production II	(2)
THEATER 233**	Play Production III	(3)
THEATER 280**	Musical Theater Workshop I	(3)
THEATER 291**	Rehearsals and Performances I	(1)
THEATER 292**	Rehearsals and Performances II	(2)
THEATER 293**	Rehearsals and Performances III	(3)

** Audition and/or interview required.

Total: 14-15

*# Cross-listed course. * This course has a prerequisite or corequisite.*

NONCREDIT CERTIFICATES OF COMPLETION

BASIC SKILLS

The 21st Century Employability Skills project is a collaboration between the Foundation for California Community Colleges and the New World of Work (NWoW) initiative, which works to establish California Community Colleges as essential catalysts for expanding the state's workforce and closing the skills gap. The classes are based on employer-driven essential 21st Century Employability Skills identified by NWoW. The coursework is aligned with the NWoW curriculum such that students can gain competencies for successful completion of each course in addition to certificates of completion (Basic, Basic/Intermediate, Intermediate, Intermediate/Advanced, and Advanced).

REQUIRED COURSE:

BSICSKL 116CE 21st Century Employability Skills: Communication

ELECTIVES LIST. SEE INDIVIDUAL PROGRAMS BELOW FOR ELECTIVE REQUIREMENTS:

BSICSKL 108CE 21st Century Employability Skills: Entrepreneurial Mindset
BSICSKL 109CE 21st Century Employability Skills: Analysis/Solution Mindset
BSICSKL 110CE 21st Century Employability Skills: Empathy
BSICSKL 111CE 21st Century Employability Skills: Adaptability
BSICSKL 112CE 21st Century Employability Skills: Social/Diversity Awareness
BSICSKL 113CE 21st Century Employability Skills: Collaboration
BSICSKL 114CE 21st Century Employability Skills: Self-Awareness
BSICSKL 115CE 21st Century Employability Skills: Resilience
BSICSKL 117CE 21st Century Employability Skills: Digital Fluency

21ST CENTURY EMPLOYABILITY SKILLS - BASIC

(Program Code 493012, State Code 39619)

COMPLETE THE FOLLOWING REQUIRED COURSE:

BSICSKL 116CE 21st Century Employability Skills: Communication

COMPLETE 1 COURSE FROM THE ELECTIVES LIST ABOVE

21ST CENTURY EMPLOYABILITY SKILLS - BASIC/INTERMEDIATE

(Program Code 493012, State Code 39620)

COMPLETE THE FOLLOWING REQUIRED COURSE:

BSICSKL 116CE 21st Century Employability Skills: Communication

COMPLETE 3 COURSES FROM THE ELECTIVES LIST ABOVE

21ST CENTURY EMPLOYABILITY SKILLS - INTERMEDIATE

(Program Code 493012, State Code 39621)

COMPLETE THE FOLLOWING REQUIRED COURSE:

BSICSKL 116CE 21st Century Employability Skills: Communication

COMPLETE 5 COURSES FROM THE ELECTIVES LIST ABOVE

21ST CENTURY EMPLOYABILITY SKILLS - INTERMEDIATE/ADVANCED

(Program Code 493012, State Code 39622)

COMPLETE THE FOLLOWING REQUIRED COURSE:

BSICSKL 116CE 21st Century Employability Skills: Communication

COMPLETE 7 COURSES FROM THE ELECTIVES LIST ABOVE

21ST CENTURY EMPLOYABILITY SKILLS - ADVANCED

(Program Code 493012, State Code 39623)

COMPLETE THE FOLLOWING REQUIRED COURSE:

BSICSKL 116CE 21st Century Employability Skills: Communication

COMPLETE 9 COURSES FROM THE ELECTIVES LIST ABOVE

ENGLISH AS A SECOND LANGUAGE

Students who complete the English as a Second Language certificates will gain skills in reading, writing, listening, and speaking. The sequence of certificates will help students prepare for meaningful employment and prepare them to transition into credit courses.

ENGLISH AS A SECOND LANGUAGE I

(Program Code 493084, State Code 24170)

ESL NC 001CE English as a Second Language – Beginning I
ESL NC 002CE English as a Second Language – Beginning II

ENGLISH AS A SECOND LANGUAGE II

(Program Code 493083, State Code 24216)

ESL NC 006CE English as a Second Language – 0
ESL NC 007CE English as a Second Language – I

ENGLISH AS A SECOND LANGUAGE III

(Program Code 493082, State Code 24315)

ESL NC 008CE English as a Second Language – II
ESL NC 009CE English as a Second Language – III

Noncredit Programs, *Continued next page*

ENGLISH AS A SECOND LANGUAGE IV

(Program Code 493080, State Code 24116)

ESL NC 015CE	English as a Second Language – IV
ESL NC 016CE	English as a Second Language – V
ESL NC 017CE	English as a Second Language – VI

ENGLISH AS A SECOND LANGUAGE - SPEECH

(Program Code 493085, State Code 24464)

ESL NC 023CE	English as a Second Language – Speech I
ESL NC 024CE	English as a Second Language – Speech II

ESL CIVICS

Students who complete the ESL Civics certificates will gain skills in reading, writing, listening, and speaking as well as learn topics related to U.S. history and current events, which will prepare them to transition into credit courses. The sequence of certificates will also help students prepare for meaningful employment and prepare immigrant students for the Citizenship examination.

ESL CIVICS I

(Program Code 493091, State Code 24283)

ESLCVCS 010CE	ESL and Civics I
ESLCVCS 011CE	ESL and Civics II
ESLCVCS 012CE	ESL and Civics III

ESL CIVICS II

(Program Code 493092, State Code 24139)

ESLCVCS 013CE	ESL and Civics IV
ESLCVCS 014CE	ESL and Civics V
ESLCVCS 015CE	ESL and Civics VI

VOCATIONAL EDUCATION

GIG ECONOMY CAREERS IN ENTERTAINMENT

(Program Code 060100, State Code 39765)

Successfully passing all four Gig Economy Careers in Entertainment courses will provide students with a Certificate of Completion. By combining the skills gained and specialized industry know-how from the Development Department, First Assistant Director, Post Production, and Business Aspects coursework, students will be fully prepared to be successful in the world of entertainment. The experience will also create opportunities for exposure and professional networking that lead to steady employment.

Estimated time to complete: 0.5 years.

VOC ED 152CE	Gig Economy Careers in Entertainment - The Development Department
VOC ED 153CE	Gig Economy Careers in Entertainment - The First Assistant Director
VOC ED 154CE	Gig Economy Careers in Entertainment - Post Production
VOC ED 155CE	Gig Economy Careers in Entertainment - Business Aspects

INSURANCE

(Program Code 051200, State Code 39642)

Successfully passing both Insurance courses will provide students with a Certificate of Completion. By combining the skills gained and specialized industry know-how from the Introduction to Insurance as well as the Fundamentals of Insurance - Property/Casualty and Health coursework, students will be fully prepared to be successful in pursuing a career in Insurance. The experience will also inform students about opportunities for additional required training in the industry.

Estimated time to complete: 0.5 years.

VOC ED 423CE	Introduction to Insurance
VOC ED 424CE	Fundamentals of Insurance - Property/Casualty and Health

MICROCOMPUTER LITERACY

(Program Code 051400, State Code 24103)

In this Certificate of Completion, students will be able to identify, organize, and save word-processing documents, create an e-mail account and access the internet to research topics, as well as create, arrange and move Microsoft Power Point slides and compose a simple spreadsheet using basic cell formula. Equipped with this knowledge, students can transition into employment in the general office field where computer applications are used or enroll in credit courses in the CAOT discipline.

Estimated time to complete: 0.5 years.

VOC ED 114CE	Microcomputer Literacy I
VOC ED 115CE	Microcomputer Literacy 2

ROBOTICS AND PLCS

(Program Code 093420, State Code 39641)

Successfully passing both Robotics courses will provide students with a Certificate of Completion. By combining the skills gained and specialized technical know-how from the Fundamentals of Robotics and Programmable Controllers as well as the Practical Robotics and Programmable Controllers coursework, students will be fully prepared to be successful building and manipulating robots, PLCs, and associated software. The experience will also create opportunities that may lead to steady employment in the industry.

Estimated time to complete: 0.5 years.

VOC ED 284CE	Fundamentals of Robotics and Programmable
VOC ED 285CE	Practical Robotics and Programmable Controllers

WORKPLACE SUCCESS

(Program Code 493012, State Code 24247)

In this Certificate of Completion, students will be able to create workplace short and long-term goals and understand how to achieve them, recognize common interview questions and be able to deliver answers by employing language etiquette and appropriate nonverbal communication. In addition, students will be able to address colleagues, customers, and workplace duties while finding a balance between work and home. Students will learn how to increase their level of effectiveness in the workplace.

Estimated time to complete: 0.5 years.

VOC ED 096CE	Blueprint for Workplace Success
VOC ED 098CE	30 Ways to Shine as a New Employee

SPECIAL PROGRAMS

COOPERATIVE WORK EXPERIENCE EDUCATION (COOP ED)

Cooperative Education combines on the job experience with classroom instruction. It is designed to expand skills and knowledge and to improve self-understanding by integrating classroom study with planned supervised work experience.

Cooperative Education is based on the principle that well-educated individuals develop most effectively by incorporating related education and work experience. These structured experiences in business, industry, government and human services are an enrichment to college studies which enhance the student's total development. It is called Cooperative Education because the educational objectives are carefully planned and coordinated with the student's employer to provide realistic employment experience. The objectives are:

1. To gain realistic work experience that is meaningfully related to the student's college study program.
2. To provide the student opportunity to acquire knowledge, skills, and attitudes essential for successful employment.

BENEFITS OF COOPERATIVE WORK EXPERIENCE EDUCATION

The student:

1. Has the opportunity to learn or improve employment skills under actual working conditions.
2. Gains perspective on career goals through application of classroom theory to real-life experience.
3. Builds self-identity and confidence as a worker through individual attention given by instructor/coordinators and employers.
4. Has opportunities to test personal abilities in work environments.
5. Has a more realistic approach to the job market.
6. Will gain a better understanding of human relations.
7. Will learn to apply Management by Objectives (MBO).
8. May refer to work experience education on future job applications.
9. Benefits financially while learning.
10. Can begin a career earlier.

STUDENT QUALIFICATIONS

1. Pursue a planned program based on measurable learning objectives agreed to with Coop Ed instructor/director.
2. A student must be enrolled in and complete one additional class at Los Angeles Valley College or a US regionally accredited institution during the regular semesters.

OCCUPATIONAL WORK EXPERIENCE

- Units: 1-4 units.
- A program of on-the-job learning experience for students employed in a job related to their occupational oriented major. May be repeated three times for a maximum of 16 units.

CAMPUS PROCEDURE

For additional information regarding Cooperative Work Experience Education at Los Angeles Valley College, contact the Cooperative Education Office, ACA 1201, or call phone extension 2334. Visit www.lavc.edu/cooped for detailed information and program application.

COOPERATIVE EDUCATION, GENERAL

- Units: 1-3 units.
- A program of on-the-job learning experience for students employed in a job not related to your major. May be repeated one time for a maximum of 6 units.
- Cooperative Education
- Phone: (818) 947-2334. Office: ACA 1201

COOPERATIVE EDUCATION -
WORK EXPERIENCE - NOT IN MAJOR - 1-3 UNITS

Prerequisite: Must be enrolled in at least 1 additional course.

5 to 9 hours per week of work experience .....1 unit
10 to 14 hours per week of work experience ..... 2 units
15 or more hours per week of work experience..... 3 units

Supervised training is provided in the area of general employment practices with emphasis on attitude, ethics, and integrity. On-the-job training need not be in the college major, but must be educational.

CALIFORNIA STATE UNIVERSITY: APPROVED COOPERATIVE EDUCATION SUBJECT AREAS

Los Angeles Community College District policy provides that a maximum of twelve (12) semester units in Cooperative Education courses completed in the subject areas listed below may be applied toward the California State University 60 unit admission requirement.

- Accounting
- Administration of Justice
- Architecture
- Art
- Broadcasting
- Business
- Child Development
- Cinema
- Computer Applications Office Technology
- Computer Science-Information Technology
- Education
- Electronics
- Engineering, General
- Engineering, General Technology
- Finance
- Fire Technology
- Journalism
- Law
- Management
- Marketing
- Media Arts
- Music
- Numerical Control

Cooperative Education Subject Areas, *Continued next page*

- Nursing Science
- Photography
- Real Estate
- Respiratory Therapy
- Theater
- Tool & Manufacturing Technology

INSTRUCTIONAL ALTERNATIVES

COMMUNITY SERVICES

Community Education classes are designed to meet the educational and recreational interests of the public. We offer a variety of classes for seniors, children, and adults in the areas of computer applications, dance, sports, personal growth, entrepreneurial endeavors, arts and crafts, fitness, acting, and music.

EXTENSION PROGRAM

The Extension Program at the college has been offering skill-based professional certificate courses since 1995. These offerings provide real-world practical applications and career training for adults who are beginning or returning to college, for those seeking a career or lifestyle change, for those whose college careers were interrupted by life transitions, and for those who recognize the need for job skill enhancement. All offerings are “not-for-credit” status. We offer easy payment plans for all of our Extension classes.

In the Extension Program, students must successfully complete (C average or higher) the academies to be granted an “Affidavit of Completion”.

Extension programs include:

- Professional Paralegal Academy
- Human Resource Assistant Academy
- Legal Document Assistant Academy
- Legal Secretary Academy

For further information on our offerings or if you would like to register ONLINE 24/7, please go to www.legalfieldcareers.com.

We would love to hear from you. Please call us at (818) 997-0967 or email us at jacobssm@lavc.edu. The Extension Program at Los Angeles Valley College is located in the ACA building, Workforce Training.



COURSE DESCRIPTIONS

Credit

This section contains descriptions of the courses offered at Los Angeles Valley College.

All courses which meet the Major Requirements of the educational programs listed in this catalog may be applied toward graduation requirements for the Associate Degree. All transfer courses may also be applied to the Associate Degree. Some courses which are offered for college credit, but which cannot be applied toward graduation requirements for the Associate Degree are designated by the code NDA, Non-Degree Applicable.

The course title and the number of units per semester are shown on the first line. In addition, the following code letters are found after the units:

- **UC** – This course is acceptable for unit credit at all branches of the University of California.
- **CSU** – This course is acceptable for credit at all branches of the California State Universities and Colleges.
- **NDA** – Non-Degree Applicable.
- **RPT** – This course may be repeated for credit, up to the number of times as indicated.

Certain courses have some class sections which are designated as part of the Transfer Alliance Program (Honors Program). These classes are designed primarily for students who plan to transfer to a four-year college or university. Transfer Alliance classes are indicated in this section by the symbol "✪" which appears at the end of the course title line of information.

Certain courses are approved as aligned with the state Course Identification Numbering System (C-ID). The C-ID aligned course number is indicated below the course description. The C-ID is a supra-numbering system to ease the transfer and articulation with the CSUs.

NOTE: Since agreements concerning transferability and equivalencies may change, students are advised to check with a counselor for exact information and to seek assistance from the appropriate department chairperson when making extended plans.

ACCOUNTING (ACCTG)

001 Introductory Accounting I (5) UC:CSU
Prerequisite: None.
Lecture, 5 hours.
This course introduces fundamental accounting principles and procedures used in corporations, for both service and merchandising businesses. The student will journalize basic entries, post to ledger, record adjusting and closing entries, and prepare financial statements. Internal controls, inventory valuation, bad debts, receivables and payable, depreciation, and payroll are also covered.

CREDIT IS ALLOWED IN ONLY ONE: ACCOUNTING 001 OR THE COMBINATION OF ACCOUNTING 021 AND 022.

C-ID: ACCT 110 & 120 (ACCTG 001 & 002)

002 Introductory Accounting II (5) UC:CSU
Prerequisite: ACCTG 001 with a grade of C or better.
Lecture, 5 hours.
This course continues the introductory phase of accounting. Topics covered include: corporations, investments, long-term liabilities, cash flows, financial statement analysis, managerial accounting, job order and process cost systems, cost behavior and analysis, budgeting, performance evaluation, and capital budgeting.

UC CREDIT IS ALLOWED FOR EITHER 001 AND 002; OR FOR 021 AND 022.

C-ID: ACCT 110 & 120 (ACCTG 001 &002)

003 Intermediate Accounting I (3) CSU
Prerequisite: ACCTG 002 with a grade of C or better.
Lecture, 3 hours.
This course provides complete analytical application and an advanced review of topics discussed in Accounting I and II. Topics include assets (current, fixed, and intangible), investments, financial statements, income taxes, liabilities, stockholders equity, revenue recognition, asset acquisition and leases.

008 Income Tax Preparation (3) CSU
Prerequisite: None.
Lecture, 2 hours; laboratory, 2 hours.
This course is a study of Federal Income Taxes, California Income taxes, and tax laws as they apply to individuals and sole-proprietorships. The class emphasizes accounting procedures and preparation of tax returns and reports. This course qualifies the student for the California Registered Tax Preparer license. As such, the course is accredited from the California Tax Education Council (CTEC).

011 Cost Accounting (3) CSU
(Offered fall only.)
Prerequisite: ACCTG 002 with a grade of C or better.
Lecture, 3 hours.
This course covers both managerial and cost accounting, with emphasis on cost and non-cost systems; types of cost; elements of cost; cost behavior; variances for labor, materials and overhead; indirect expenses; allocation of cost to by-products; standard cost and budgets.

015 Tax Accounting I (3) CSU
Prerequisite: ACCTG 002 with a grade of C or better.
Lecture, 3 hours.
This course is a study of Federal Income Taxes and tax laws as they apply to individuals and sole-proprietorships. The class emphasizes accounting procedures and preparation of tax returns and reports.

018 Computerized Payroll Accounting (3)
Prerequisite: ACCTG 001 with a grade of C or better.
Lecture, 2 hours;. laboratory, 2 hours.
This course will cover procedures and practices involved in a manual or automated payroll system. Students will become familiar with current Federal and California laws affecting payroll, computation of payroll taxes and preparation of required payroll tax returns/forms.

019 Ethics for Accounting Professionals (3) CSU
Prerequisite: None.
Lecture, 3 hours.
This is a course on the study of ethics in business and accounting. Topics include the study of moral values, personal integrity, professional accountability, business legitimacy, equity, and fairness. This course includes the study of the Sarbanes-Oxley Act, Codes of Conduct, IRS Circular 230, AICPA Code of Conduct, California Accountancy Act, California Board of Accountancy Regulations and case analysis. Completion of this course qualifies as the ethics requirement to obtain a California CPA license.

911-921-931-941 Cooperative Education - Accounting (1-4) CSU
Accounting is approved for Cooperative Work Experience Education credit. See Cooperative Education, page 102, for prerequisite, course description and credit limits.

DURING THE FALL AND SPRING SEMESTERS, STUDENTS SHALL BE ENROLLED IN AT LEAST ONE ADDITIONAL COURSE IN A U.S. REGIONALLY ACCREDITED INSTITUTION.

ADMINISTRATION OF JUSTICE (ADM JUS)

001 Introduction to Administration of Justice (3) UC:CSU
Prerequisite: None.
Lecture, 3 hours.
This course covers the Introduction to Administration of Justice: the history and philosophy of administration of justice in Europe and America. This includes the identification of the various subsystems. Also included are the theories of crime, punishment, rehabilitation, ethics, education and training for professionals in the justice system.

C-ID: AJ 110

002 Concepts of Criminal Law (3) UC:CSU
Prerequisite: None.
Lecture, 3 hours.
This course covers the historical development, philosophy and constitutional provisions of criminal law. Additionally, classification of crime and their application to the justice system, legal research, study of case law, methodology, definitions and concepts of law as a social force will be covered.

C-ID: AJ 120

003 Legal Aspects of Evidence (3) CSU
Prerequisite: None.
Lecture, 3 hours.
This course covers the origin, development, philosophy and constitutional basis of evidence; Constitutional and procedural considerations affecting arrest, search and seizure, kinds and degrees of evidence, and rules governing admissibility; Judicial decisions interpreting individual rights and case studies.

C-ID: AJ 124

004 Principles and Procedures of the Justice System (3) UC:CSU
Prerequisite: None.
Lecture, 3 hours.
This course provides an in-depth study of the role and responsibilities of each segment within the administration of justice system: police, courts and corrections. Topics will include the concepts of due process as found in the Sixth, Eighth and Fourteenth amendments. Students will examine and analyze due process in criminal proceedings from pre-arrest through trial and appeal utilizing statutory law and state and constitutional law precedents.

C-ID: AJ 122

005 Criminal Investigation (3) CSU
Prerequisite: None.
Lecture, 3 hours.
This course covers the fundamentals of investigation and the techniques of crime scene recording and search. Also included in the course is the collection and preservation of physical evidence, method of operation processes, sources of information, interview and interrogation, follow-up, and case preparation.

C-ID: AJ 140

006 Patrol Procedures (3) CSU
Prerequisite: None.
Lecture, 3 hours.
This course will cover the laws, policies, techniques, and procedures used by law enforcement agencies across the country, as well as internationally. Topics included are powers of police, types of patrol, types of service calls, equipment and technology, search and seizure, interview and interrogation, and alarm responses.

008 Juvenile Procedures (3) CSU
Prerequisite: None.
Lecture, 3 hours.
This course is a study of the history of the juvenile justice system as it evolved in the American Justice System. The course explores theories and methodology that focus on juvenile law, court procedures, treatment and prevention programs, and the constitutional protections extended to juveniles in the American Justice System.

C-ID: AJ 220

039 Probation and Parole (3) CSU
Prerequisite: None.
Lecture, 3 hours.
This course provides students with an examination of community treatment in the correctional process; contemporary probation and parole practices; and an exploration of the various community corrections agencies and employment opportunities.

049 Narcotics and Vice Control (3) CSU
Prerequisite: None.
Lecture, 3 hours.
This course examines the history, identification, and effects of vice and narcotic problems. It explores these problems as they exist within society, and the penal statutes and other laws that attempt to control them.

075 Introduction to Corrections (3) CSU
Prerequisite: None.
Lecture, 3 hours.
This is a basic course dealing with the nature of correctional work; aims and objectives of correctional administration; probation and parole; skills, knowledge, and attitudes required for employment in this field; types of institutions and services; career opportunities.

C-ID: AJ 200

185 Directed Study - Administration of Justice (1) CSU

285 Directed Study - Administration of Justice (2) CSU

385 Directed Study - Administration of Justice (3) CSU
Prerequisite: None.
Conference, 1 hour per unit.
This course allows students to pursue Directed Study in Administration of Justice on a contract basis under the direction of a supervising instructor.

CREDIT LIMIT: A MAXIMUM OF 3 UNITS PER SUBJECT IN DIRECTED STUDY MAY BE TAKEN FOR CREDIT.

UC CREDIT FOR INDEPENDENT STUDY/DIRECTED STUDY COURSES NUMBERED 185, 285, AND 385 IN ANY DEPARTMENT IS NOT AUTOMATIC; CREDIT IS CONTINGENT ON UC CAMPUS EVALUATION AFTER APPLICATION AND ADMISSION. THESE UNITS SHOULD NOT BE USED TOWARD CALCULATION OF THE MINIMUM 60 UNITS NEEDED FOR ADMISSION TO THE UC.

911-921-931-941 Cooperative Education - Administration of Justice (1-4) CSU
Administration of Justice is approved for Cooperative Work Experience Education credit. See Cooperative Education, page 102, for prerequisite, course description and credit limits.

DURING THE FALL AND SPRING SEMESTERS, STUDENTS SHALL BE ENROLLED IN AT LEAST ONE ADDITIONAL COURSE IN A U.S. REGIONALLY ACCREDITED INSTITUTION.

AFRICAN AMERICAN STUDIES (AFRO AM)

002 The African American in Contemporary Urban Society (3) UC:CSU ✪
Prerequisite: None.
Lecture, 3 hours.
This course surveys the urbanization of African Americans with emphasis on contemporary issues, public policy solutions, civil rights, and equality of opportunity. Other topics include education, housing, economics (welfare, poverty, and employment), politics, justice and law enforcement, urban and community development, and family.

004 The African American in the History of the U.S. I (3) UC:CSU ✪
Prerequisite: None.
Recommended: Self-placement into ENGLISH 101 or E.S.L. 110.
Lecture, 3 hours.
This course surveys African-American History from pre-colonial Africa through the Civil War. It provides a history of the political and social development of the United States for students majoring in the social sciences and for those who wish to gain a better understanding of these developments by exploring them through African American experiences. Included is a survey of the U. S. Constitution and the Declaration of Independence.

005 The African American in the History of the U.S. II (3) UC:CSU ✪
Prerequisite: None.
Recommended: Self-placement into ENGLISH 101 or E.S.L. 110.
Lecture, 3 hours.
This course surveys African-American History from the end of the Civil War to the present with special emphasis on social and political developments in American civilization. It provides a historical background for students majoring in the social sciences and for those who wish to gain a better understanding of historical developments by exploring them through African-American experiences.

020 African-American Literature I (3) UC:CSU ✪
Prerequisite: None.
Recommended: Self-placement into ENGLISH 101 or E.S.L 110.
Lecture, 3 hours.
This course provides an analysis of the literary, social, and historical aspects of essays, novels, drama, short stories and poetry written by African-Americans. It examines and reflects upon American society through the literature that African Americans produce, especially as it pertains to their representation of themselves both intellectually and artistically.

STUDENTS MAY NOT EARN CREDIT FOR BOTH AFRO AM 020 AND ENGLISH 234.

ANATOMY (ANATOMY)

001 Introduction to Human Anatomy (4) UC:CSU ✪
Note: This class is not open for credit to students who have completed PHYSIOL 008 & 009.
Prerequisite: BIOLOGY 003, BIOLOGY 005, or BIOLOGY 006 with a grade of C or better.
Recommended: Self-placement into ENGLISH 101 or E.S.L. 110.
Lecture, 3 hours; laboratory, 3 hours.
This course offers a detailed study of the structural organization of the human body: gross and microscopic structure of the integumentary, skeletal, muscular, nervous, sensory, endocrine, cardiovascular, lymphatic, respiratory, digestive, excretory and reproductive systems, from cellular to organ system levels of organization. Laboratory work includes dissection of fresh and preserved mammalian organs, use of anatomical models and histology. This course is primarily intended for nursing, allied health, kinesiology and other health related majors.

MAXIMUM UC CREDIT FOR ANY COMBINATION OF ANATOMY 001, PHYSIOL 001, 008 OR 009 IS 8 UNITS.

C-ID: BIOL 110B

ANTHROPOLOGY (ANTHRO)

101 Human Biological Evolution (3) UC:CSU ✪

Prerequisite: None.
Recommended: E.S.L 008.
Lecture, 3 hours.
This course is an introduction to the anthropological study of human evolution. Topics include the mechanisms of evolutionary change, genetics, human variation, and the reconstruction of human evolutionary history through an examination of the fossil record and through the use of comparative studies of our closest biological relatives, the living monkeys and apes.

C-ID: ANTH 110

102 Human Ways of Life: Cultural Anthropology (3) UC:CSU ✪

(May be taken before Anthropology 101)
Prerequisite: None.
Recommended: E.S.L. 008 or self-placement into ENGLISH 101 or E.S.L. 110.
Lecture, 3 hours.
This course is an introduction to the diverse cultural lifeways of the global society. Topics include: ethnicity, economic and political development, religion, art, marriage and family, cultural change, and cultural survival.

C-ID: ANTH 120

103 Archaeology: Reconstructing the Human Past (3) UC:CSU ✪

Prerequisite: None.
Recommended: E.S.L. 008 or self-placement into ENGLISH 101 or E.S.L. 110.
Lecture, 3 hours.
This course covers the objectives and methods of modern archaeology; important archaeological discoveries throughout the world; contributions of archaeology toward understanding and preserving of human culture.

C-ID: ANTH 150

104 Human Language and Communication (3) UC:CSU ✪

Prerequisite: None.
Recommended: E.S.L. 008 or self-placement into ENGLISH 101 or E.S.L. 110.
Lecture, 3 hours.
As an introduction to linguistic anthropology, this course will cover the study of language, culture, and society from an anthropological perspective. Language will be presented as a form of social interaction in which participants do things with and through everyday talk. Topics include the biological basis of communication and speech, the relationship between language and culture, the structure of language, language origins, language through time, language variation, language in social context, the ethnography of communication, nonverbal communication and writing, and linguistic anthropology in the contemporary world. Special topics may include pidgins and creoles, language death and revival, and the relationship between language, identity, and power.

C-ID: ANTH 130

111 Laboratory in Human Biological Evolution (1) UC:CSU ✪

Prerequisite: None.
Corequisite: ANTHRO 101 or ANTHRO 116.
Laboratory, 3 hours.
This course is a hands-on laboratory experience in selected topics related to human evolution that may include: molecular, Mendelian, and population genetics; modern human variation; geological time and fossilization; comparative primate anatomy; modern primate behavior; human fossil record; and forensic analysis.

116 Primate Lives: Behavior, Evolution, and Culture (3) UC:CSU ✪

Prerequisite: None.
Recommended: E.S.L. 008 or self-placement into ENGLISH 101 or E.S.L. 110.
Lecture, 3 hours.
This course provides an overview of the primate life cycle, including humans, from an evolutionary perspective. We will compare the biology and culture of each stage of life across living primate species, hominin evolution, and a variety of modern human cultures, to consider the evolutionary, environmental, and historical origins of these behaviors. Topics will include gestation and birth, childhood and adolescence, mating strategies, family and group dynamics, adulthood and aging.

121 Anthropology of Religion, Magic and Witchcraft (3) UC:CSU ✪

Prerequisite: None.
Recommended: E.S.L. 008 or self-placement into ENGLISH 101 or E.S.L. 110.
Lecture, 3 hours.
This course examines the functions and varieties of religious beliefs and practices cross-culturally, with a special emphasis on small-scale societies. Topics include mythology, symbolism, shamanism, altered states of consciousness, magic, divination, witchcraft, new religious movements, and religion and conflict.

385 Directed Study - Anthropology (3) CSU

Prerequisite: None.
Conference, 1 hour per unit.
This course allows students to pursue Directed Study in Anthropology on a contract basis under the direction of a supervising instructor.

CREDIT LIMIT: A MAXIMUM OF 3 UNITS PER SUBJECT IN DIRECTED STUDY MAY BE TAKEN FOR CREDIT.

UC CREDIT FOR INDEPENDENT STUDY/DIRECTED STUDY COURSES NUMBERED 185, 285, AND 385 IN ANY DEPARTMENT IS NOT AUTOMATIC; CREDIT IS CONTINGENT ON UC CAMPUS EVALUATION AFTER APPLICATION AND ADMISSION. THESE UNITS SHOULD NOT BE USED TOWARD CALCULATION OF THE MINIMUM 60 UNITS NEEDED FOR ADMISSION TO THE UC.

ARCHITECTURE (ARC)

172 Architectural Drawing I (3) CSU
Prerequisite: None.
Lecture, 1 hour; laboratory, 5 hours.
This class is an introduction to architecture and AutoCAD. Lectures give students a background on residential design, its conventions, and symbols. A short review of basic architectural math and orthographic projection, as well as studying the architectural scale and discussion of building codes are included. During lab time, AutoCAD will be used to design a small, single-story residence, incorporating but not limited to, AutoCAD Draw and Modify panel functions, Blocks, and Layers.

173 Architectural Drawing II (3) CSU
Prerequisite: ARC 172 with a grade of C or better.

Lecture, 2 hours; laboratory, 4 hours.
Students will develop drafting skills and fundamental understanding of buildings by preparing drawings for a wood-framed structure. This course includes the study of design principles, topics of architecture and architects.

221 Architectural Rendering (2) CSU
Prerequisite: ARC 172 with a grade of C or better.
Lecture, 1 hour; laboratory, 3 hours.
Students will develop 3-dimensional modeling skills and fundamental understanding of visual theory by preparing renderings for a building by a notable architect. This course includes the study of design principles, topics of architecture and architects.

271 Architectural Drawing III (3) CSU
Prerequisite: ARC 172 with a grade of C or better.
Lecture, 1 hour; laboratory, 5 hours.
This course is a study of construction methods, materials and building ordinances. This course requires students to prepare detailed drawings for commercial buildings in concrete and steel.

911-921-931-941 Cooperative Education - Architecture (1-4) CSU
Architecture is approved for Cooperative Work Experience Education credit. See Cooperative Education, page 102, for prerequisite, course description and credit limits.

DURING THE FALL AND SPRING SEMESTERS, STUDENTS SHALL BE ENROLLED IN AT LEAST ONE ADDITIONAL COURSE IN A U.S. REGIONALLY ACCREDITED INSTITUTION.

ART (ART)

Some courses in Art are part of the Art Family group and have enrollment limitations. The group code appears under the course title. See page 203-204 for more information.

093 Introduction to Modern and Contemporary Asian Art (3) UC:CSU
Prerequisite: None.
Recommended: Self-placement into ENGLISH 101 or E.S.L. 110.
Lecture, 3 hours.
This course is an introductory survey of the modern and contemporary visual arts of China, Japan, Korea, and Southeast Asia from World War II to the present. Technical procedures of art production, religious and philosophical influences on art, the interchange of cultural influence and artistic expression, and trends in globalization will be discussed. The course will examine the social, economic, political and religious context of the production and use of the works of art considered. Students will learn about different art historical methodological approaches to the analysis of the material considered. Students will master art historical and artistic vocabulary, and will learn to perform visual analysis of artistic compositions.

094 Introduction to Ancient Art of the Mediterranean (3) UC:CSU
Prerequisite: None
Recommended: E.S.L. 008.
Lecture, 3 hours.
This course is a critical history of ancient art and architecture of the Mediterranean to include Egyptian, Cycladic, Minoan, Mycenaean, Greek, Etruscan, and Roman before 500 CE will be examined in their historical and cultural contexts. Historical influences of Classical art and culture on Europe and America will be evaluated.

101 Survey of Art History I (3) UC:CSU✪
Prerequisite: None.
Recommended: E.S.L. 008 or self-placement into ENGLISH 101 or E.S.L. 110.
Lecture, 3 hours.
This course is an introductory survey of the arts of the Western World from the Prehistoric Period through the Middle Ages. It considers selected topics in the history of Western European art from the chronological period ranging from the Stone Age, Egyptian civilization, Mesopotamian civilization, the Greek (Hellenic) civilization, the Roman civilization, the Byzantine period, and the Middle Ages. The course will examine the social, economic, political and religious context of the production and use of the works of art considered. Students will learn about different art historical methodological approaches to the analysis of the material considered. Students will master art historical and artistic vocabulary, will learn to perform visual analysis of compositions of painting, sculpture and architecture.

C-ID ARTH 110

102 Survey of Art History II (3) UC:CSU ✪
Prerequisite: None.
Recommended: Self-placement into ENGLISH 101 or E.S.L 110.
Lecture, 3 hours.
This course covers selected topics in the history of Western European art from the Renaissance to the major movements of the 20th century. The course will examine the social, economic, political and religious context of the production and use of the works of art considered. Students will learn about different art historical methodological approaches to the analysis of the material considered. Students will master art historical and artistic vocabulary, will learn to perform visual analysis of compositions of painting, sculpture and architecture.

C-ID: ARTH 120

103 Art Appreciation I (3) UC:CSU ✪
Prerequisite: None.
Recommended: Self-placement into ENGLISH 101 or E.S.L 110.
Lecture, 3 hours.
This course is an introduction to the study of visual arts. It entails appreciation and criticism of art forms and media, and a cross-cultural comparative exploration of the origins and meaning of art from a wide variety of historical periods and cultures. Topics include definitions of art, use and function of art, symbolic meaning of art, art terminology, style, design, color theory, methods of production, art criticism, and architectural forms.

C-ID: ARTH 100

105 History of Asian Art (3) UC:CSU ✪
Prerequisite: None.
Recommended: Self-placement into ENGLISH 101 or E.S.L 110.
Lecture, 3 hours.
This course is an introductory survey of the arts of India, China and Japan, covering the technical procedures of art production, religious and philosophical influences on art and architecture, as well as the interchange of cultural influence and artistic expression. The course will examine the social, economic, political and religious context of the production and use of the works of art considered. Students will learn about different art historical methodological approaches to the analysis of the material considered. Students will master art historical and artistic vocabulary, will learn to perform visual analysis of compositions of painting, sculpture and architecture. Comparisons will be made between historical and modern examples.

C-ID: ARTH 130

109 The Arts of Africa, Oceania, and Ancient America (3) UC:CSU ✪
Prerequisite: None.
Recommended: E.S.L. 008 or self-placement into ENGLISH 101 or E.S.L 110.
Lecture, 3 hours.
This course is an introductory survey covering selected topics in the history of Non-Western art from the indigenous cultures of Africa, the islands of the South Pacific (Oceania), and pre-European contact North America and Mesoamerica. The course will examine the social, economic, political and religious context of the production and use of the works of art considered, as well as visual analysis of compositions of painting, sculpture, architecture, arts of the body and other media.

111 History of Contemporary Art (3) UC:CSU ✪
Prerequisite: None.
Recommended: Self-placement into ENGLISH 101 or E.S.L 110.
Lecture, 3 hours.
This course examines Western art and its relationship to social, political, and economic aspects of modern society from World War II to the present. It considers artistic responses to new intellectual trends and disciplines, the rise of the Civil Rights and Feminist movements, innovations in technology, various stylistic movements, as well as methodological approaches to analysis of the subject will be considered. Students will master art historical and artistic vocabulary, and will learn to perform visual analysis of compositions of painting, sculpture and other forms of visual art.

115 History of Modern Art (3) UC:CSU ✪
Prerequisite: None.
Recommended: Self-placement into ENGLISH 101 or E.S.L 110.
Lecture, 3 hours.
This course examines Western art and its relationship to social, political, and economic aspects of modern society from the mid-nineteenth through the mid-twentieth century. The influence of the Industrial Revolution, cross-cultural influences of Western and non-Western cultures, artistic response to new intellectual trends and disciplines, impact of the two World Wars, the rise of the Civil Rights and Feminist movements, innovations in technology, various stylistic movements, as well as methodological approaches to analysis of the subject will be considered. Students will master art historical and artistic vocabulary, will learn to perform visual analysis of compositions of painting, sculpture and other forms of visual art.

116 History of Women and Art (3) UC:CSU ✪
Prerequisite: None.
Recommended: E.S.L. 008 or Self-placement into ENGLISH 101 or E.S.L 110.
Lecture, 3 hours.
This course examines the history of women's contributions to the development of visual arts, with emphasis on the Western world from the Renaissance to the present with emphasis on socio-political factors that impacted the historical role of women in the patronage and production of art.

125 History of Photography I (3) UC:CSU ✪
Prerequisite: None.
Lecture, 3 hours.
This course is an introductory survey of the history of photography from the nineteenth century to present day. Students will analyze photographs, master appropriate vocabulary, identify the work of noted photographers, consider issues of aesthetics and style, learn technical aspects of photography, explore major developments in photographic history, and consider the relationship of photography to the other arts.

201 Drawing I (3) UC:CSU
(Art Family A04)
Prerequisite: None.
Lecture, 2 hours; laboratory, 2 hours.
Art 201 is a fundamental course that emphasizes drawing as a visual language system. The picture plane, light logic and perspective will be explored while various methods and media are also surveyed.

C-ID: ARTS 110

202 Drawing II (3) UC:CSU
(Art Family A04)
Prerequisite: Art 201 and Art 501 with grades of C or better.
Recommended: Self-placement into ENGLISH 101 or E.S.L 110.
Lecture, 2 hours; laboratory, 2 hours.
This course is a continuation of Art 201 into more complex problems. A broader range of media will be utilized and color and composition will be heavily emphasized. A higher standard of craft will be applied to the work.

203 Drawing III (3) UC:CSU
(Art Family A04)
Prerequisite: ART 202 with a grade of C or better.
Lecture, 2 hours; laboratory, 2 hours.
This course is a continuation of Art 202 into more complex problems and with a higher degree of technical refinement. A broader range of media will be utilized and color, composition and conception will be heavily emphasized.

204 Life Drawing I (3) UC:CSU
(Art Family A05)
Prerequisite: ART 201 with a grade of C or better.
Lecture, 2 hours; laboratory, 2 hours.
This course is an introduction to figure drawing where students will learn how to draw the human body and how to analyze anatomy and essential figural structures.

C-ID: ARTS 200

205 Life Drawing II (3) UC:CSU
(Art Family A05)
Prerequisite: Art 201 and 204 with grades of C or better.
Lecture, 2 hours; laboratory, 2 hours.
Art 205 is the study of the human figure through drawing. The emphasis of the course will be on pictorial composition and figural expression, as well as addressing historical and contemporary issues related to the body.

206 Life Drawing III (3) UC:CSU
(Art Family A05)
Prerequisite: ART 205 with a grade of C or better.
Lecture, 2 hours; laboratory, 2 hours.
Art 206 is a course on drawing of the human figure with emphasis on pictorial organization and personal expression.

207 Life Drawing IV (3) UC:CSU
(Art Family A05)
Prerequisite: ART 206 with a grade of C or better.
Lecture, 2 hours; laboratory, 2 hours.
Art 207 is an advanced course that focuses on drawing the human figure, exploring problems in structural drawing and composition with expressive use of various media in order to develop a personal style.

213 Color Theory (3) UC:CSU
(Art Family A08)
Prerequisite: ART 501 with a grade of C or better.
Lecture, 2 hours; laboratory, 2 hours.
This course examines Color Dynamics. The topics considered include form and value, harmony and spatial effects. The major theorists introduced include Goethe, Itten and Albers. In addition to the traditional 12-part color wheel, digital color principles are also examined.

C-ID: ARTS 270

250 Introduction to Digital Art (3) CSU
Prerequisite: None.
Recommended: ART 501.
Lecture, 1 hour; laboratory, 5 hours
Students are introduced to fundamental concepts, practices, and theories of digital art production. Topics include integration of traditional design, color, and compositional principles with contemporary digital tools.

300 Introduction to Painting (3) UC:CSU
(Art Family A08)
Prerequisite: None.
Recommended: ART 201 and 501, self-placement into ENGLISH 101 or E.S.L. 110.
Lecture, 2 hours; laboratory 2 hours.
Art 300 is an introduction to various painting materials, media and techniques including a survey of methods both contemporary and traditional.

C-ID: ARTS 210

301 Watercolor Painting I (3) UC:CSU
(Art Family A08)
Prerequisite: None.
Recommended: ART 201 and 501, self-placement into ENGLISH 101 or E.S.L. 110.
Lecture, 2 hours; laboratory, 2 hours.
This course is an overview of various transparent water color techniques with emphasis on the materials used in acquiring these skills, both contemporary and traditional.

302 Watercolor Painting II (3) UC:CSU
(Art Family A08)
Prerequisite: ART 301 with a grade of C or better.
Recommended: ART 201 and ART 501.
Lecture, 2 hours; laboratory, 2 hours.
This course is an intermediate continuation of various transparent watercolor techniques with strong emphasis on subject matter and achieving various textural effects.

303 Watercolor Painting III (3) UC:CSU
(Art Family A08)
Prerequisite: ART 302, ART 201, and ART 501 with grades of C or better.
Lecture, 2 hours; laboratory, 2 hours.
This course is a continuation of various advanced transparent watercolor techniques with strong emphasis on the development of concepts and friskit techniques.

304 Acrylic Painting I (3) UC:CSU
(Art Family A08)
Prerequisite: None.
Recommended: ART 201 and 501, self-placement into ENGLISH 101 or E.S.L. 110.
Lecture, 2 hours; laboratory, 2 hours.
This course is an overview of beginning acrylic painting techniques and materials. Composition, color, and form are studied through a range of projects in historical context in order to understand contemporary ideas in the field of acrylic painting.

305 Acrylic Painting II (3) UC:CSU
(Art Family A08)
Prerequisite: ART 304.
Recommended: ART 201 and 501.
Lecture, 2 hours; laboratory, 2 hours.
Acrylic Painting II is a continuation of the study of various techniques in acrylic painting at the intermediate level. It extends concepts from Acrylic Painting I that focuses on a broader range of contemporary issues with an emphasis on composition and experimentation.

306 Acrylic Painting III (3) UC:CSU
(Art Family A08)
Prerequisite: ART 305 with a grade of C or better.
Lecture, 2 hours; laboratory, 2 hours.
Acrylic Painting III is a continuation of Acrylic Painting II with emphasis on advanced level concepts, styles and techniques.

307 Oil Painting I (3) UC:CSU
(Art Family A06)
Prerequisite: None.
Recommended: ART 201 and 501.
Lecture, 2 hours; laboratory, 2 hours.
Art 307 is an overview of basic oil painting techniques and materials. Composition, color, and form are studied through a range of projects in historical context in order to understand contemporary ideas in the field of oil painting.

308 Oil Painting II (3) UC:CSU
(Art Family A06)
Prerequisite: ART 307 with a grade of C or better.
Recommended: ART 201 and ART 501.
Lecture, 2 hours; laboratory, 2 hours.
Art 308 is a continuation of the study of various historical techniques in oil painting. It extends concepts from Beginning Oil Painting that focuses on a broader range of contemporary issues with an emphasis on figuration and experimentation.

309 Oil Painting III (3) UC:CSU
(Art Family A06)
Prerequisite: ART 308 with a grade of C or better.
Recommended: ART 201 and ART 501.
Lecture, 2 hours; laboratory, 2 hours.
Art 309 is an advanced oil painting course with emphasis on developing various styles and techniques with further exploration of the medium in the direction of more personal expression.

400 Introduction to Printmaking (3) UC:CSU
(Art Family A09)
Prerequisite: None.
Recommended: ART 201 and 501.
Lecture, 1 hour; laboratory, 5 hours.
Art 400 is an introductory course in basic fine art printmaking processes.

501 Beginning Two-Dimensional Design (3) UC:CSU ✪
(Art Family A02)
Prerequisite: None.
Lecture, 2 hours; laboratory, 2 hours.
Art 501 is a fundamental course presenting the elements and principles common to the visual arts, with special emphasis on application to the two-dimensional arts. Primary focus will be on compositional and color theory and practice.

C-ID: ARTS 100

502 Beginning Three-Dimensional Design (3) UC:CSU
(Art Family A02)
Prerequisite: None.
Lecture, 2 hours; laboratory, 2 hours.
This is a fundamental course involving relationships of elements common to three-dimensional visual arts. Course assignments will explore design elements and principles. Various mediums and fabrication techniques will be explored, including (but not limited to) the use of wire, paper, cardboard and plastics.

C-ID: ARTS 101

521 Art Gallery Techniques (3) CSU
Prerequisite: None
Recommended: ART 501 or 502.
Lecture, 2 hours; laboratory, 2 hours.
This is an introductory course about art gallery management including, but not limited to, curatorial strategies, exhibition design, proper handling of artworks and their installation, gallery preparation and maintenance, gallery lighting, production and distribution of press releases, announcements, exhibitions lists, and related gallery literature. Students learn by working side-by-side with art professionals during preparation and installation.

STUDENTS MAY BE REQUIRED TO OPERATE STATIONARY AND HAND-HELD POWER TOOLS.

531 Art Gallery Techniques II (3) CSU
Prerequisite: ART 521 with a grade of C or better.
Recommended: ART 501 or 502.
Lecture, 2 hours; laboratory, 2 hours.
This is an intermediate course about art gallery management including, but not limited to, curatorial strategies, exhibition design, proper handling of artworks and their installation, gallery preparation and maintenance, gallery lighting, production and distribution of press releases, announcements, exhibitions lists, and related gallery literature. Students learn by working side-by-side with art professionals during preparation and installation.

STUDENTS MAY BE REQUIRED TO OPERATE STATIONARY AND HAND-HELD POWER TOOLS.

600 Typography I (3) CSU
Prerequisite: None.
Lecture, 2 hours; laboratory, 2 hours.
Typography is a study of letterforms with emphasis on their use in graphic communication where the focus is placed on style, spacing, proportion and their applied use in Graphic Design.

604 Graphic Design I (3) CSU
Prerequisite: ART 501 and 600 with grades of C or better.
Lecture, 2 hours; laboratory, 2 hours.
This class is an introduction to Graphic Design including beginning studies in graphic communication. The principles of beginning 2-dimensional design are applied as an organizational structure. Communication problems are solved graphically using the computer as a tool for presentation and production.

605 Graphic Design II (3) CSU
Prerequisite: ART 604 with a grade of C or better.
Lecture, 2 hours; laboratory, 2 hours.
Graphic Design II is a continuing study of graphic communication with an introduction to the interaction between designer and client. Continued emphasis is placed on computer software as an important design tool.

606 Graphic Design III (3) CSU
Prerequisite: ART 605 with a grade of C or better.
Lecture, 2 hours; laboratory, 2 hours.
This course is an advanced exploration of graphic communication. Assignments will focus on multi-piece corporate identity programs. Students will construct a professional portfolio containing examples of past and current work.

618 Advertising Photo/Graphics I (4)
Prerequisite: None.
Lecture, 2 hours; laboratory, 4 hours.
Advertising Photo/Graphics I is an introduction to digital photographic imaging for graphic design. Students will study the technical, aesthetic and organizational aspects of photography for graphic communication.

619 Advertising Photo/Graphics II (4)
Prerequisite: None.
Lecture, 2 hours; laboratory, 4 hours.
This is an advanced photographic imaging class for graphic design. Students will study the technical, aesthetic and organizational aspects of photography for graphic communication, focusing on the computer as an essential tool.

620 Illustration I (3) CSU
(Art Family A04)
Prerequisite: ART 201 and ART 501 with grades of a C or better.
Lecture, 2 hours; laboratory, 2 hours.
This course is an introduction to the design, production and concept formulation of contemporary illustration. Through a series of projects, various mediums are explored, as well as the symbolic interpretation and translation of written material into visual form.

621 Illustration II (3) CSU
(Art Family A04)
Prerequisite: ART 620 with a grade of a C or better.
Lecture, 2 hours; laboratory, 2 hours.
Illustration II is a continuing study of contemporary illustration through a series of projects with a focus on non-traditional media. Additional emphasis is placed upon the individual needs and skills of each student. Preparing studies for client meetings is covered at the conclusion of the class.

626 Art Production Methods I (3) CSU
(Art Family A09)
Prerequisite: None.
Lecture, 2 hours; laboratory, 2 hours.
Art production Methods I is a course in preparing art for reproduction in print media. It includes study of commercial printing processes, the paper industry, photo/art editing, color separation and layout preparation with emphasis on the needs of the graphic designer. The computer serves as a primary tool.

700 Introduction to Sculpture (3) UC:CSU
(Art Family A07)
Prerequisite: None.
Recommended: ART 502.
Lecture, 1 hour; laboratory, 5 hours.
Students will create three-dimensional structures while refining their artistic expression, with sensitivity to materials and concepts. The course focuses on a variety of traditional and nontraditional sculptural techniques and philosophies designed to introduce a range of sculptural expressions and media.

701 Sculpture I (3) UC:CSU
(Art Family A07)
Prerequisite: ART 502 and ART 700 with grades of C or better.
Lecture, 1 hour; laboratory, 5 hours.
Students will explore more extensive sculptural techniques, including modeling, carving, moldmaking, fabrications, environmental and conceptual art. Students will engage in abstract problem solving in order to advance creative growth. The course focuses on a variety of traditional and nontraditional sculptural techniques and philosophies, at an intermediate level. Usage of hand and stationary power tools and equipment will be required.

702 Sculpture II (3) UC:CSU
(Art Family A07)
Prerequisite: ART 701 with a grade of C or better.
Lecture, 1 hour; laboratory, 5 hours.
The course is a continued study of contemporary sculpture with emphasis on site work, installation and individual artistic growth. This course will focus on the changing definition of sculpture, from the finished single object placed on a pedestal to a wider range of formats. Students will engage in abstract problem solving in order to advance creative growth. The course focuses on a variety of traditional and nontraditional sculptural techniques and philosophies, at an advanced level. Usage of hand and stationary power tools and equipment will be required.

708 Introduction to Ceramics (3) UC:CSU
(Art Family A01)
Prerequisite: None.
Recommended: ART 501 or ART 502.
Lecture, 1 hour; laboratory, 5 hours.
This is an introductory course in ceramic arts, concepts, and processes including basic design principles and creative development. Students focus on fabrication techniques in hand-building, glaze techniques, firing processes and ceramic terminology. Students will employ surface enrichment and application. Emphasis will be drawn to the technical understanding of the behavior of clay, glazes and the geological and scientific components of both. The course covers aesthetics and creative development of clay objects examining Eastern and Western ceramic history, contemporary ceramics, theory, genres and personal modes of expression across cultures.

709 Ceramics I (3) UC:CSU
(Art Family A01)
Prerequisite: ART 708 with a grade of C or better.
Recommended: ART 502.
Lecture, 1 hour; laboratory, 5 hours.
Ceramic I students will focus on the technical, functional and forming of wheel throwing. Art 709 curriculum has students investigate a more complex understanding of surface design, glazing techniques, ceramic terminology, and clay and glaze chemistry. The course covers aesthetics and creative development of clay objects examining cultural, historical, contemporary, and personal modes of expression.

710 Ceramics II (3) UC:CSU
(Art Family A01)
Prerequisite: ART 709 with a grade of C or better.
Recommended: ART 502.
Lecture, 1 hour; laboratory, 5 hours.
This is a course providing continuing practice in ceramic forming processes and surface treatments with emphasis on three-dimensional design.

711 Ceramics III (3) UC:CSU
(Art Family A01)
Prerequisite: ART 710 with a grade of C or better.
Lecture, 1 hour; laboratory, 5 hours.
This is a course offering advanced forming and sculpting techniques, learning historical and contemporary ceramics, advanced glazing practices and developing a better understanding of the firing process.

185 Directed Study - Art (1) CSU
285 Directed Study - Art (2) CSU
385 Directed Study - Art (3) CSU
Prerequisite: None.
Conference, 1 hour per unit.
In this course students pursue Directed Study in Art on a contract basis under the direction of the supervising instructor.

CREDIT LIMIT: A MAXIMUM OF 3 UNITS PER SUBJECT IN DIRECTED STUDY MAY BE TAKEN FOR CREDIT.

UC CREDIT FOR INDEPENDENT STUDY DIRECTED STUDY COURSES NUMBERED 185, 285, AND 385 IN ANY DEPARTMENT IS NOT AUTOMATIC; CREDIT IS CONTINGENT ON UC CAMPUS EVALUATION AFTER APPLICATION AND ADMISSION. THESE UNITS SHOULD NOT BE USED TOWARD CALCULATION OF THE MINIMUM 60 UNITS NEEDED FOR ADMISSION TO THE UC.

911-921-931-941 Cooperative Education - Art (1-4) CSU
Art is approved for Cooperative Work Experience Education credit. See Cooperative Education, page 102, for prerequisite, course description and credit limits.

DURING THE FALL AND SPRING SEMESTERS, STUDENTS SHALL BE ENROLLED IN AT LEAST ONE ADDITIONAL COURSE IN A U.S. REGIONALLY ACCREDITED INSTITUTION.

ASIAN AMERICAN STUDIES (ASIAN)

002 Contemporary Issues of Asian Americans (3) UC:CSU
Prerequisite: None.
Lecture, 3 hours.
This course focuses on a broad range of topics as they pertain to contemporary Asian American society. Students will examine the ongoing political, economic, and social issues within these communities while also highlighting the diverse ethnic identities which inform these experiences. The representative groups and communities include Chinese, Japanese, Koreans, Filipinos, Vietnamese, Cambodian, Hmong, Laotian, among others.

ASTRONOMY (ASTRON)

001 Elementary Astronomy (3) UC:CSU ✪
Prerequisite: None.
Lecture, 3 hours.
This course is a non-mathematical survey of astronomy, including selected historical aspects of Astronomy. Course topics include the sun, planets, their satellites and other members of the solar system; celestial motions and coordinates as shown by the planetarium projector; elementary optics and their application to the telescope and its accessories; star systems and the constitution of stars; the classification of stars; novae, nebulae, galaxies; black holes; quasars; and the evolution of our universe. Activities conducted outside of class may include telescopic observations at star parties (outdoor observation sessions), planetarium shows or lectures.

005 Fundamentals of Astronomy Laboratory (1) UC:CSU
Prerequisite: ASTRON 001 with a grade of C or better; or concurrent enrollment.
Laboratory, 3 hours.
Using the planetarium and telescopes (as available on campuses) and/or planetarium software, star atlases and planispheres, this class will study the methods used by astronomers to determine the nature of the universe.

BIOLOGY (BIOLOGY)

003 Introduction to Biology (4) UC:CSU ✪
(Not open for credit to students who have had BIOLOGY 006 or BIOLOGY 007.)
Prerequisite: None.
Lecture, 3 hours; laboratory, 3 hours.
This course for non-majors examines the fundamental principles of biology with laboratories emphasizing hands-on investigations. Topics include an introduction to evolutionary theory, basic biological chemistry, cell function and reproduction, cellular respiration and photosynthesis, classical and contemporary genetics, gene expression and an introduction to animal structure and function. Meets UC/CSU GE requirement of natural science with a lab.

MAXIMUM UC CREDIT FOR COMBINATION OF BIOLOGY 003 AND 025 IS ONE COURSE. NO UC CREDIT FOR BIOLOGY 003 OR 025 IF TAKEN AFTER BIOLOGY 006 OR 007.

005 Introduction to Human Biology (4) UC:CSU
Prerequisite: None.
Lecture, 3 hours; laboratory, 3 hours.
The course includes basic biological principles as they apply to humans. The course will provide a foundation for advanced courses in Human Anatomy, Physiology, and Microbiology. Topics include chemical principles, the cell, heredity, human anatomy and physiology, microbiology, pathology, ecology, and bioethics.

006 General Biology I (5) UC:CSU ✪
(BIOLOGY 007 may be taken before BIOLOGY 006.)
Prerequisite: CHEM 101 and MATH 125 with grades of C or better.
Lecture, 3 hours; laboratory, 6 hours.
This is a general biology course designed for life science and many pre-health majors. It examines basic cellular biology, metabolism, genetics, molecular biology, and the relationship between form and function of living organisms. Note: Some 4-year institutions prefer that Biology 6 and 7 be taken at the same college.

C-ID: BIOL 135S (BIOLOGY 006 & 007)

007 General Biology II (5) UC:CSU ✪
(BIOLOGY 007 may be taken before BIOLOGY 006.)
Prerequisite: MATH 125 with a grade of C or better.
Lecture, 3 hours; laboratory, 6 hours.
This is a general biology course designed for life science and many pre-health majors. It examines the unifying principles of biology through the study of phylogeny, taxonomy, organismal structure/function, evolution, and ecology. Note: Some 4-year institutions prefer that Biology 6 and 7 be taken at the same college.

NOTE: SOME 4-YEAR INSTITUTIONS PREFER THAT BIOLOGY 006 AND 007 BE TAKEN AT THE SAME COLLEGE.

C-ID: BIOL 135S (BIOLOGY 006 & 007)

010 Natural History I (4) UC:CSU
Prerequisite: None.
Lecture, 3 hours; laboratory, 3 hours.
This course for non-majors is a general education survey of classification, behavior, ecology, and distribution of common local plants, invertebrates, birds, and mammals. Students examine biological principles including evolution, adaptation and scientific methods using the local environment of Southern California.

022 Marine Biology (4) UC:CSU ✪
Prerequisite: None.
Lecture, 3 hours; laboratory, 3 hours.
This class emphasizes the investigation of marine plants and animals. Intertidal, subtidal and offshore marine habitats are studied. The effect of human impact on marine environment will be reviewed. Field trips to Southern California marine habitats will be offered.

(CREDIT MAY NOT BE AWARDED FOR BOTH BIOLOGY 022 AND OCEANO 002).

033 Medical Terminology (3) CSU
Prerequisite: None.
Lecture, 3 hours.
The course develops a comprehensive medical vocabulary applicable to all specialties of medicine, through the learning of Greek and Latin prefixes, suffixes, and word roots. Training in the spelling, pronunciation, and definition of medical terms and abbreviations are provided.

040 The Science of Biotechnology (3) UC:CSU
Prerequisite: BIOLOGY 006 and CHEM 101 with grades of C or better.
Lecture, 2 hours; laboratory, 2 hours.
This is a comprehensive introduction to the science of biotechnology. The course presents theory and offers hands-on laboratory experience. Representative techniques presented in this course include: DNA purification, bacterial transformation, DNA gel electrophoresis, polymerase chain reaction, protein purification, SDS-PAGE and Western blot. This is an advanced class intended for Biology majors.

$20.00 LAB FEE TO BE PAID WITH REGISTRATION.

046 Genetic Analysis (3) UC:CSU
Prerequisite: BIOLOGY 006 with a grade of C or better.
Lecture, 3 hours.
This course is designed to cover Mendelian genetics, chromosome analysis, and genomics. This class will examine the experimental approach to genetic analysis by introducing key concepts as well as solving experimental problems.

185 Directed Study - Biology (1) CSU
285 Directed Study - Biology (2) CSU
Prerequisite: None.
Conference, 1 hour per unit.
This class allows for students to pursue a directed study in Biology on a contract basis under the direction of a supervising instructor. Depending upon the project various formats are utilized to introduce students to the methods used by scientists to study topics in the biological sciences. This class will emphasize the development of problem solving and critical thinking skills.

CREDIT LIMIT: A MAXIMUM OF 3 UNITS PER SUBJECT IN DIRECTED STUDY MAY BE TAKEN FOR CREDIT.

UC CREDIT FOR INDEPENDENT STUDY/DIRECTED STUDY COURSES NUMBERED 185, 285, AND 385 IN ANY DEPARTMENT IS NOT AUTOMATIC; CREDIT IS CONTINGENT ON UC CAMPUS EVALUATION AFTER APPLICATION AND ADMISSION. THESE UNITS SHOULD NOT BE USED TOWARD CALCULATION OF THE MINIMUM 60 UNITS NEEDED FOR ADMISSION TO THE UC.

BIOTECHNOLOGY (BIOTECH)

001 Fundamentals of Biotechnology (3) CSU
Prerequisite: None.
Lecture, 3 hours.
This class offers an introduction to the fundamentals of biomanufacturing and biotechnology. An overview of biology used in biotechnology is covered, and the history of biomanufacturing is explored along with key concepts and practices utilized currently in biomanufacturing. An overview of the processes used by companies in the development of drugs and therapies, along with instrumentation utilized in the production of medical products will be provided. This class is suggested for students exploring career options in biology.

BROADCASTING (BRDCSTG)

001 Fundamentals of Television and Radio Broadcasting (3) UC:CSU
Prerequisite: None.
Recommended: E.S.L.. 008 or self-placement into ENGLISH 101 or E.S.L. 110.
Lecture, 3 hours.
This course consists of basic phases of radio, television and other mass media broadcasting, focusing on history, theory, and legal aspects. Different forms of broadcasting will be highlighted from network to cable to first run syndication, concluding with an overview of developing technologies such as VOD and HiDef. Classes will include debate on the innovators and some of the issues that have arisen recently with the demise of financial interest in syndication rules, vertical integration, and the rise of broadband and its resultant changes in what constitutes a 'broadcast.'

003 Voice and Diction for Radio and Television (3) UC:CSU
Prerequisite: None.
Required of all radio and television majors.
Open to others.
Lecture, 3 hours.
This class features training in the presentation of broadcast material. Fundamentals of good speech are combined with techniques for handling problems unique to broadcasting, such as microphone techniques, reading for the camera, interviewing techniques, preparing continuity and transitions for commercial copy, promotional and public service announcements, news copy, weather and sports announcing. An opportunity may be provided to create programming for the campus radio station KVCM.

005 Radio and Television Acting (3) UC:CSU
Prerequisite: None.
Lecture, 2 hours; laboratory, 2 hours.
The basic fundamentals of acting are explored. Demonstration, exercises, and improvisations are used to practice techniques covered. Students will act out scenes to practice course techniques. Emphasis is placed on character analysis and development of the actor for television.

006 Digital & Social Media Broadcast Communication (3) UC:CSU
Prerequisite: None
Lecture, 3 hours.
This course consists of digital and social media applications that relate to broadcasting and involves the study of how people communicate with others through current electronic means, primarily audio and video. The development of the Internet, new media, and social media will be examined and analyzed as broadcasting and communications applications continue to grow in the digital media age.

010 Radio Programming and Production (3) CSU
Prerequisite: None.
Lecture, 2 hours; laboratory, 3 hours.
The course introduces students to all aspects of radio station programming and production. Included are instruction and experience in the role of disc jockey, announcer, newscaster, sportscaster, commercial producer, and public service director by means of working on campus radio station, 95.1 FM KVCM.

011 Digital Audio Editing and Production (3) UC:CSU
Prerequisite: None.
Lecture 2 hour; laboratory, 3 hours.
This course introduces the theoretical and practical fundamentals of audio production, technology, and terminology. This includes exercises using available equipment, an introduction to the lexicon of audio production, and an understanding of the selection and use of audio tools/software that support, radio, television, video, film, and multimedia production.

017 Introduction to Voice-Over (3) CSU
Prerequisite: None.
Lecture, 3 hours.
This class consists of the students development of ability to narrate, dub and loop films, CD and MP3 materials for use in: industrial information units, the entertainment media, educational packages, and commercial advertising. Includes the development and use of some world dialects and an in-depth study of microphone techniques.

021 Advertising, Marketing, and Promotions for Broadcasting (3) CSU
Prerequisite: None.
Lecture, 3 hours.
The course examines advertising, marketing, and promotions as an economic support for commercial broadcasting, including radio, television, cable, satellite, and internet broadcasting. The class will focus on audience surveys, rate structures, client, ad rep firms, and advertising agency relationships are discussed and explored. Students may have an opportunity to sell commercials on the campus radio station KVCM.

022-1 Introductory Radio/Television Activities (1) CSU
Prerequisite: None.
Laboratory, 3 hours
This course focuses on production, programming, research and management in broadcast media. There will be practical assignments assigned with Los Angeles Valley College broadcasting projects.

STUDENTS ARE EXPECTED TO HAVE A DISCUSSION WITH THE INSTRUCTOR ABOUT CONCURRENT ENROLLMENT IN A COURSE RELATED TO THEIR PROJECT FOR THE SEMESTER.

022-2 Beginning Radio/Television Activities (1) CSU
Prerequisite: BRDCSTG 022-1 with a grade of C or better.
Laboratory, 3 hours.
The course focuses on continuing the skills related to practice production, programming, research and management in broadcast media. There will be practical assignments assigned with Los Angeles Valley College broadcasting projects.

022-3 Intermediate Radio/Television Activities (1) CSU
Prerequisite: BRDCSTG 022-2 with a grade of C or better.
Laboratory, 3 hours.
This course focuses on intermediate skills relating to practice production, programming, research and management in broadcast media. There will be practical assignments assigned with Los Angeles Valley College broadcasting projects.

022-4 Advanced Radio/Television Activities (1) CSU
Prerequisite: BRDCSTG 022-3 with a grade of C or better.
Laboratory, 3 hours.
This course focuses on advanced skills relating to practice production, programming, research and management in broadcast media. There will be practical assignments assigned with Los Angeles Valley College broadcasting projects.

023 News, Sports, and Live Remote Broadcasting for Radio & Television (3) CSU
Prerequisite: None.
Lecture, 2 hours; laboratory, 4 hours.
The course examines news, sports, and live broadcasting for radio in support of commercial broadcast, cable, Internet, and related telecommunications media. The class will focus on live remote broadcasts from various weekly events on campus. Students will have an opportunity to broadcast radio shows in combination with news, sports, and entertainment events to air on the campus radio station KVCM. A hands-on participation class. Additional lab time may be required.

024 Podcasting Production for Radio & The Internet (3) CSU
Prerequisite: None.
Lecture, 2 hours; laboratory, 3 hours
This course consists of an introduction to podcasts for radio emphasizing news, entertainment and information. Podcasts will be developed in class. Students will learn to use microphones, recording and editing software, and how to post their podcasts. A website will be provided for students to post podcasts, and popular online options will be used for posting.

025 Radio/TV/Film Writing (3) CSU
Prerequisite: None.
Lecture, 3 hours.
This course features analysis in the form and style of radio, television and film scripts and program formats. Students will learn the preparation of scripts for radio, television and film.

026 TV-Film Aesthetics (3) UC:CSU
Prerequisite: None.
Lecture, 3 hours.
This class introduces the analysis of film and television texts. Students will examine the broad questions of form and content, aesthetics and meaning, and history and culture. The class explores the diverse possibilities presented by the cinematic art and television form through an examination of a wide variety of productions. It includes topics such as modes of production, narrative and non-narrative forms, visual design, editing, sound, genre, ideology and critical analysis.

028 Television Announcing I (3) CSU
Prerequisite: None.
Lecture, 3 hours.
This course provides training in television announcing for newscasts, sportscasts, commercials, interview hosting, and various program performance assignments with emphasis on the development of the student's individual style and personality. In addition, students emphasis on-camera, delivery style, script research, and analysis will be taught.

031 Advanced Voice-Over (3) CSU
Prerequisite: BRDCSTG 017 with a grade of C or better.
Lecture, 3 hours.
Development of skills in advanced voice-over disciplines including but not limited to: animation, ADR, audio books, anime, narration, trailers, promos (including reading to picture), phone systems, point-of-purchase displays and video games.

032 Television History and Culture (3) UC:CSU
Prerequisites: None.
Lecture, 3 hours.
The class takes a cultural approach to television's evolution as a technology and system of representation, considering television as a system of storytelling and myth-making, and as a cultural practice, studied from anthropological, literary, and video perspectives. The course focuses on prime-time commercial broadcasting, the medium's technological and economic history, and theoretical perspectives. There is much required viewing as well as readings in media theory and cultural interpretation.

045 Advanced Television Acting and Directing (4) UC:CSU
Prerequisite: BRDCSTG 005 with a grade of C or better.
Lecture, 4 hours.
The course is offered to train student actors and directors through intensive concentration in advanced theories and methods of producing and directing television. Student will increase the individual performance in direction sensitivity and flexibility. There is extensive use of digital television recording equipment used.

046 Fundamentals of Television Production (4) CSU
Prerequisite: None.
Lecture, 3 hours; laboratory, 3 hours.
All the basic television production essentials are covered. Training is given in the function and operation of all basic television facilities, including camera, microphones, switcher, video tape recorder-editors, and lighting equipment. The direction and production of basic types of programs are taught and practiced. Students learn various roles of a TV studio production team.

047 Single Camera Production (4) CSU
Prerequisite: None.
Lecture, 3 hours; laboratory, 3 hours.
The course provides an introduction to the theory, terminology, and operation of single camera video production, including composition and editing techniques, camera operation, portable lighting, video recorder operation, audio control and basic editing. This course focuses on the aesthetics and fundamentals of scripting, producing, directing on location, postproduction, and exhibition/distribution.

C-ID FTVE 130

048 Digital Broadcast Editing (4) CSU
Prerequisite: None.
Lecture, 3 hours; laboratory, 3 hours.
This course is designed to provide students with basic editing skills for television and internet broadcasting promos, PSAs, commercials, and magazine shows. The end result may air on KVCM-TV.

049 Digital Documentary Broadcast Production (4) UC:CSU
Prerequisite: None.
Lecture, 3 hours; laboratory, 3 hours.
This course explores long-form radio and television documentary concept development, pre-production, production and post-production. Students will learn how to research and pitch a story, elements of storytelling and story structure, character development, interviewing, microphone and editing techniques, how to write and perform narration, as well as how to use natural sound, music and sound effects for radio documentaries. In addition, copyright law and other legal issues will be considered in this hands-on course.

051 Digital Non-Fiction/Reality Production for Broadcasting (4) CSU
Prerequisite: None.
Lecture, 3 hours; laboratory, 3 hours.
This course will provide a comprehensive overview of all digital production aspects of news, documentary, and reality from concept to finished project. Emphasizes the use of digital equipment for location reality-based productions.

081 Field Work I - Broadcasting (1) CSU
Prerequisite: BRDCSTG 010, 025, 046, CINEMA 101, 111, or MEDIART 101 with a grade of C or better.
Field work, 2 hours.
This course provides student with hands on experience working on a specific approved topic or in an approved internship within the entertainment industry.

082 Field Work II - Broadcasting (2) CSU
Prerequisite: BRDCSTG 010, 025, 046, CINEMA 101, 111, or MEDIART 101 with a grade of C or better.
Field work, 4 hours.
This course provides student with hands on experience working on a specific approved topic or in an approved internship within the entertainment industry.

083 Field Work III - Broadcasting (3) CSU
Prerequisite: BRDCSTG 010, 025, 046, CINEMA 101, 111, or MEDIART101 with a grade of C or better.
Field work, 6 hours.
Students will gain hands on experience working on a specific approved topic or in an approved internship within the entertainment industry in order to give practical experience in what they have learned in one of the listed prerequisite courses.

185 Directed Study- Broadcasting (1) CSU
285 Directed Study- Broadcasting (2) CSU
385 Directed Study- Broadcasting (3) CSU
Prerequisite: None.
Conference, 1 hour per unit.
Allows student to pursue Directed Study in Broadcasting on a contract basis under the direction of a supervising instructor.

CREDIT LIMIT: A MAXIMUM OF 3 UNITS PER SUBJECT IN DIRECTED STUDY MAY BE TAKEN FOR CREDIT.

UC CREDIT FOR INDEPENDENT STUDY/DIRECTED STUDY COURSES NUMBERED 185, 285, AND 385 IN ANY DEPARTMENT IS NOT AUTOMATIC; CREDIT IS CONTINGENT ON UC CAMPUS EVALUATION AFTER APPLICATION AND ADMISSION. THESE UNITS SHOULD NOT BE USED TOWARD CALCULATION OF THE MINIMUM 60 UNITS NEEDED FOR ADMISSION TO THE UC.

911-921-931-941 Cooperative Education - Broadcasting (1-4) CSU
Broadcasting is approved for Cooperative Work Experience Education credit. See Cooperative Education, page 102, for prerequisite, course description and credit limits.

DURING THE FALL AND SPRING SEMESTERS, STUDENTS SHALL BE ENROLLED IN AT LEAST ONE ADDITIONAL COURSE IN A U.S. REGIONALLY ACCREDITED INSTITUTION.

BUSINESS (BUS)

For Business, see also Accounting, Cooperative Education, Finance, Law, International Business, Management, Marketing, Real Estate, and Supervision.

001 Introduction to Business (3) UC:CSU
Prerequisite: None.
Lecture, 3 hours.
This course covers the meaning and purpose of business domestically and internationally, the historical development of business, the general economic setting for business in the global environment, and a brief introduction to the following business areas: entrepreneurship, forms of business organization, operations, management, marketing, human relations, finance, accounting, budgeting, reports, government-business relations, the social and ethical responsibilities in business, business law, and risk management.

C-ID: BUS 110

032 Business Communications (3) CSU
Prerequisite: ENGLISH 101 with a grade of C or better, or self-placement into ENGLISH 101 or E.S.L. 110.
Lecture, 3 hours.
This course applies the principles of ethical and effective communication to the creation of letters, memos, emails, and written and oral reports for a variety of business situations. The course emphasizes planning, organizing, composing, and revising business documents using word processing software for written documents and presentation-graphics software to create and deliver professional-level oral reports. The course also includes instruction in speaking skills, oral presentations, communication technology, communication across cultures, listening skills, and nonverbal communication. This course incorporates effectively writing employment documents including a résumé, cover letter and follow-up messages.

038 Business Computations (3) CSU
Prerequisite: None.
Lecture, 3 hours.
This course introduces students to the mathematical concepts and applications necessary for successful business careers. Topics will include checking accounts, trade and cash discounts, markups, payroll, simple interest and promissory notes, compound interest, inventory valuation formulas, depreciation formulas, present value applications, and financial statement analysis.

911-921-931-941 Cooperative Education-Business (1-4) CSU
Business is approved for Cooperative Work Experience Education credit. See Cooperative Education, page 102, for prerequisite, course description and credit limits.

DURING THE FALL AND SPRING SEMESTERS, STUDENTS SHALL BE ENROLLED IN AT LEAST ONE ADDITIONAL COURSE IN A U.S. REGIONALLY ACCREDITED INSTITUTION.

CHEMISTRY (CHEM)

051 Fundamentals of Chemistry I (5) UC:CSU
Prerequisite: Placement into MATH 125. Recommended: MATH 122.
Lecture, 4 hours; laboratory, 3 hours.
A descriptive course encompassing basic concepts of inorganic, organic and biological chemistry with applications to health and environmental issues. This course is for students requiring a physical science with lab (liberal arts, elementary education and allied health related majors) but is not intended for students planning to enroll in Chemistry 101.

060 Introduction to General Chemistry (5) UC:CSU
Prerequisite: MATH 125 or 134, or placement into MATH 245.
Lecture, 5 hours; laboratory 2 hours.
This course is an introduction to elementary chemical principles and laws with applications to industrial, environmental and health issues. The laboratory will introduce safety, scientific observation, measurement, and use of chemicals. The course will emphasize chemical stoichiometry and gas law calculations. Students who have not studied introductory college level chemistry must take this course or Chemistry 68 prior to enrollment in Chemistry 101. This course is recommended for students who have never taken a college level chemistry course. No credit given for this course if student has already passed Chemistry 68.

CHEMISTRY 60 IS ONLY OFFERED IN THE WINTER OR SUMMER SESSIONS.

068 Preparation for General Chemistry (5) UC:CSU
Prerequisite: MATH 125 or 134, or placement into MATH 245.
Lecture, 3 hours; laboratory, 6 hours.
Elementary chemical principles and laws with applications to industrial, environmental and health issues are covered in this class. The laboratory will introduce safety, scientific observation, measurement, and use of chemicals. The course will emphasize chemical stoichiometry and gas law calculations. Extended discussion groups in Chem 68 will reinforce the chemical concepts needed to succeed in Chemistry 101 and 102. Students who have not studied introductory college level chemistry must take this course or Chemistry 60 prior to enrollment in Chemistry 101. This course is recommended for students who have never taken a college level chemistry course. No credit given for this course if student has already passed Chemistry 60.

MAXIMUM UC CREDIT FOR CHEM 60 AND 68 COMBINED IS ONE COURSE. NO UC CREDIT FOR 60 OR 68 IF TAKEN AFTER 101.

101 General Chemistry I (5) UC:CSU
Prerequisite: MATH 125 and CHEM 060 OR CHEM 068 with grades of C or better.
Lecture, 3 hours; laboratory, 6 hours.
This class provides a study of chemical principles and laws with emphasis on chemical calculations. This course will cover chemical stoichiometry and concentration calculations, gas laws, thermochemistry, introductory quantum mechanics, bonding, molecular geometry, unit cell calculations, and colligative properties. Laboratory work includes gravimetric analysis, titration, and observation. This course is required of majors in agriculture, bacteriology, biology, botany, chemistry, dentistry, engineering, geology, medical technology, medicine, optometry, pharmacy and physics.

CLASS ENROLLMENT IS LIMITED TO 24 PERSONS PER SECTION DUE TO SAFETY ISSUES. THIS LIMIT IS THE ONE SUGGESTED BY THE AMERICAN CHEMICAL SOCIETY (ACS) AND THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA).

C-ID: CHEM 120S

102 General Chemistry II (5) UC:CSU
Prerequisite: CHEM 101 with a grade of C or better.
Lecture, 3 hours; laboratory, 6 hours.
This course is a continuation of Chemistry 101. Lecture topics will cover thermodynamics, physical properties of solutions, gas phase and ionic equilibria, electrochemistry, kinetics, nuclear chemistry, and transition metals. Laboratory experiments will include experiments in kinetics, equilibria, electrochemistry and thermodynamics. Instrumentation used will include spectrophotometers, pH meters and voltmeters.

CLASS ENROLLMENT IS LIMITED TO 24 PERSONS PER SECTION DUE TO SAFETY ISSUES. THIS LIMIT IS THE ONE SUGGESTED BY THE AMERICAN CHEMICAL SOCIETY (ACS) AND THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA).

C-ID: CHEM 120S

211 Organic Chemistry for Science Majors I (5) UC:CSU
Prerequisite: CHEM 102 with a grade of C or better.
Lecture, 3 hours; laboratory, 6 hours.
This course is an introduction to the topological, physical and chemical properties of carbon-containing compounds. Laboratory emphasis is on the preparation, isolation, purification and analysis of organic compounds.

212 Organic Chemistry for Science Majors II (5) UC:CSU
Prerequisite: CHEM 211 with a grade of C or better.
Lecture, 3 hours; laboratory, 6 hours.
This course is a continuation of Chemistry 211 with emphasis on the structural, physical and chemical properties of organic compounds and molecules of biological importance. Laboratory emphasis is on the preparation, isolation and purification of carbon-containing compounds.

CHICANO STUDIES (CHICANO)

All classes are taught in English.

002 The Mexican-American in Contemporary Society (3) UC:CSU
Prerequisite: None.
Lecture, 3 hours.
This course investigates the most relevant issues facing the Chicano community today. Special attention will be given to the growth and impact of political behavior and under-representation, public health concerns, educational inequities, and immigration policies affecting Mexicans, Chicanos, and other Latinos.

007 The Mexican-American in the History of the United States I (3) UC:CSU ✪
Prerequisite: None.
Lecture, 3 hours.
This course is a survey of United States history as it relates to the development of the Chicano in the United States with a special emphasis on Mexican-American contributions to the development of American civilization. This course covers Pre-Columbian and Mexican colonial periods, the northward advance and settlement of the present day U.S. Southwest/ Southeast. Topics also include the role and impact of the American Revolution, U.S. Constitution, and the Bill of Rights.

008 The Mexican-American in the History of the United States II (3) UC:CSU ✪
Prerequisite: None.
Lecture, 3 hours.
This course concentrates on Mexican American history of the nineteenth and twentieth centuries. Discussion centers on the participation, contributions, and experiences by Mexican Americans. Major areas include the socio-historical, political, economic and educational struggles. Topics include the Mexican American Southwest, the U.S Mexico War, American Expansionism, U.S. Treaties, U.S. Constitution, Bill of Rights, desegregation struggle, American Nativism, Mexican Repatriation, WWII, Zoot-Suit Riots, Bracero Program, Mexican American Labor Movement and the Chicano Movement. This course also fulfills (US-1) of the CSU American Institutions Requirement.

037 Chicano Literature (3) UC:CSU ✪
Prerequisite: None.
Recommended: Self-placement into ENGLISH 101 or E.S.L. 110.
Lecture, 3 hours.
This course is an introductory analysis of the literary, social, and historical aspects of works written by Mexican-American authors. The course reveals the progression of a people and culture in American society, artistically expressed by Mexican-American writers who seek to understand themselves and the world around them. The course will be conducted in English but texts may be read in either English or Spanish.

042 Contemporary Mexican Literature (3) UC:CSU ✪
(Same as SPANISH 012)
Prerequisite: None.
Lecture, 3 hours.
This course provides an introduction to the major historical events and literary movements in Mexico, with a focus on 20th-century Mexican literature read in translation. The lectures, readings and discussions are in English.

044 Mexican Civilization (3) UC:CSU ✪
(Same as SPANISH 016)
Prerequisite: None.
Lecture, 3 hours.
This course considers the significant elements of pre-Columbian Mexican civilization, the impact of the Spanish domination upon the indigenous population and its influence upon mores, art, and industry. It introduces the students to studies in the history, literature, art, and music of Mexico as they evolved from colonial times to the present. The impact of the Mexican Revolution upon all the Americas is considered. It examines the present-day culture of Mexican-Americans as influenced by their Mexican heritage and life in the United States. The course is taught in English.

047 The Mexican-American Woman in Society (3) CSU
Prerequisite: None.
Lecture, 3 hours.
Examines the socio-historical development of Chicanas in the U.S. It analyzes issues relating to feminism, gender politics, history, and community activism. The class assesses specific social issues which are central to the Chicana experience.

054 Mexican-American Arts in American Culture (3) UC:CSU
Prerequisite: None.
Recommended: Self-placement into ENGLISH 101 or E.S.L. 110.
Lecture, 3 hours.
This course focuses on Mexican and Mexican-American arts, literature and music. Particular emphasis is given to the identification and the discussion of their contributions to the contemporary culture of the United States.

057 Chicanas and Chicanos in Film (3) CSU
Prerequisite: None.
Lecture, 3 hours.
This course examines how film industry has depicted Chicanas and Chicanos through the medium of film from the early twentieth century to present day. Students analyze and interpret the techniques, contents, and historical context of relevant films. Analysis of the image of the Chicana and Chicano as presented in films and documentaries are summarized and interpreted by students.

CHILD DEVELOPMENT (CH DEV)

The State of California Dept. of Social Services has standardized all Child Development course numbers throughout the state. These are designated as DS in some courses.

001 Child Growth and Development (3) UC:CSU
Dept. of Social Services DS1.
Prerequisite: Self-placement into ENGLISH 101 or E.S.L. 110. Required for all Child Development majors. Required for Child Development Certificate.
Lecture, 3 hours.
Developmental theories from pre-natal to adolescents will be covered in this course. The following developmental domains will be discussed: physical, mental, social and emotional. This course will examine the major developmental milestones for children from conception through adolescence in the physical, social, emotional, and cognitive domains. Emphasis is placed on issues that affect typical and atypical development through the study of theories, research and child observations.
C-ID: CDEV 100

002 Early Childhood: Principles and Practices (3) CSU
Prerequisite: None.
Recommended: CH DEV 001 and E.S.L. 008 or self-placement into ENGLISH 101 or E.S.L. 110.
Dept. of Social Services DS3.
Lecture, 3 hours.
This is a survey course of early childhood programs, current early childhood philosophies and developmentally appropriate practices. The students will examine the underlying theoretical principles of appropriate practices applied to programs and environments. Emphasis is placed on the role of the teacher, role of relationships, constructive adult-child interactions and teaching strategies that support physical, social, creative and intellectual development of children and lead to desired learning outcomes. Professional development and career paths based upon CA Child Development Permit Matrix will be discussed.
C-ID: ECE 120

003 Creative Experiences for Children I (3) CSU
Dept. of Social Services DS3.
Prerequisite: None.
Recommended: CH DEV 001 and self-placement into ENGLISH 101 or E.S.L. 110.
Lecture, 3 hours.
The creative approach to program planning in areas of art, dramatic play, blocks, music and movement will be explored. Emphasis will be on the development of creative teaching strategies and the values of these curriculum areas.

007 Introduction to Curriculum in Early Childhood Education (3) CSU

Prerequisite: None
Recommended: CH DEV 001 and self-placement into ENGLISH 101 or E.S.L. 110.
Lecture, 3 hours.
This course explores appropriate curriculum and environments for young children. Students examine a teacher's role in supporting development and positive learning experiences for all young children using observation and assessment strategies and emphasizing the essential role of play. Planning, implementation and evaluation of curriculum includes but is not limited to: language arts and literacy, mathematics, physical sciences, art and creativity, movement, health and safety, social and emotional learning.

C-ID: ECE 130

010 Health, Safety and Nutrition (3) CSU

Prerequisite: None.
Recommended: CH DEV 001.
Lecture, 3 hours.
This course reviews laws, regulations, standards, policies, procedures and early childhood curriculum related to child health, safety and nutrition. Topics include nutrition, injury prevention, common childhood diseases, first aid, and special health problems in early childhood years. Community health resources for children and families will be reviewed.

C-ID: ECE 220

011 Child, Family and Community (3) CSU

Dept. of Social Services DS2.
Prerequisite: None.
Recommended: CH DEV 001 .
Lecture, 3 hours.
This course surveys major educational issues, legislation, and trends, affecting children, their families and community. It examines the sociological, cultural, and economic influences on various patterns of family life. This course will identify community resources for health, education, and public welfare.

C-ID: CDEV 110

012 Parent-Teacher-Child Interaction (3) CSU

Prerequisite: None.
Recommended: CH DEV 001.
Lecture, 3 hours.
This course provides the student with a general overview of parental involvement and parents as partners in early childhood education. Special emphasis is placed on the integration and configuration of parent-child relationships, as well as on parent-teacher communication. The developmental context of socialization and its influence on families will be explored.

014 Dual Language Development in the Early Years (3) CSU

Prerequisite: None.
Lecture, 3 hours.
Exploration of language acquisition and dual language development throughout early childhood. Current research will be reviewed as it relates to social and educational policies ad practices, considering influences of families, cultures, schools, and communities.

022 Practicum in Child Development I (4) CSU

Prerequisite: CH DEV 001, 002, 007 and 011 with grades of C or better; current TB test. Practicum site may require fingerprinting, Child Abuse Index Check, and Health Exam.
Lecture, 2 hours; laboratory, 6 hours.
Students are required to have supervised experience in a preschool, child development center or other early care and education setting. The student will relate all previous theory and curriculum courses to practical application in the classroom.

C-ID: ECE 210

023 Practicum in Child Development II (4) CSU

Prerequisite: CH DEV 022 with grade of C or better, current TB test. Practicum field site may require fingerprinting, and Child Abuse Index Check and Health Exam.
Lecture, 2 hours; laboratory, 6 hours.
This course provides an advanced practicum experience in an early childhood education setting. Students apply assessment strategies to plan, implement, and evaluate developmentally appropriate activities. Techniques that promote partnerships between teachers and families are developed. A resume and a professional portfolio are created. Students assigned to directed practicum teaching demonstrate professional and ethical behaviors. Students are assigned to a Child Development program under the supervision of a college instructor.

029 Infant Toddler Practicum (3) CSU

Prerequisite: CH DEV 001 with a grade of C or better.
Recommended: CH DEV 030 or CH DEV 031.
Lecture, 2 hours; laboratory, 3 hours.
This course is designed to provide students the opportunity to gain a greater understanding of the importance and process of learning in the first three years of life, and to be able to develop, prepare, implement, and evaluate developmentally appropriate curriculum experiences for infants and toddlers. In addition to 2 hours of lecture per week, students will observe and work directly with young children in the LAVC Infant and Toddler Lab program three hours per week.

030 Infant/Toddler Development (3) CSU

Prerequisite: CH DEV 001 with a grade of C or better.
Lecture, 3 hours.
This course is a survey of infant and toddler growth and development, educational programs currently available, and principles of infant-toddler care-giving. Direct observation of infants and toddlers is a requirement of this course.

031 Infant/Toddler Care and Education (3) CSU

Prerequisite: CH DEV 001 with a grade of C or better.
Lecture, 3 hours.
This course is a survey of infant-toddler development and its relation to environmental and curricular design. Principles of infant-toddler care-giving and quality assessment. Direct observations in infant-toddler programs are requirements of this course.

034 Observing and Recording Children's Behavior (3) CSU

Prerequisite: CH DEV 001 with a grade of C or better.
Lecture, 3 hours.
This course will address the appropriate use of assessment and observation strategies to document development, growth, play and learning to join with families and professionals in promoting children's success. Recording strategies, rating systems, portfolios, and multiple assessment tools are explored. Assignments include an opportunity for observation in the field. Students will participate in classroom observation assignments and may need to show a current negative TB test.

C-ID: ECE 200

035 Fostering Literacy Development in Young Children (3) CSU

Prerequisite: None.
Recommended: CH DEV 001.
Lecture, 3 hours.
Development of instructional skills, curriculum, activities and environment for promoting language and literacy in young children, beginning at birth. Emphasis on building a foundation for reading, writing, listening and speaking using a developmentally appropriate approach.

036 Literature for Early Childhood (1) CSU

Prerequisite: None.
Lecture, 1 hour.
This course is a survey of literature suited for children up to 8 years old with emphasis on techniques for selection and presentation. Storytelling, acquaintance with literature particularly suited for young children will be discussed. Recommended for early childhood and primary grade teachers and parents.

STUDENTS MAY NOT EARN CREDIT FOR BOTH CH DEV 036 AND ENGLISH 236.

037 Literature for School Age Children (2) CSU
Prerequisite: None.
Recommended: CH DEV 001 and E.S.L. 008.
Lecture, 2 hours.
This course is survey of literature suitable for children in schools settings, beginning with Pre-Kindergarten. Emphasis given to selection, evaluation and presentation of literature using developmental characteristics and needs of children. Includes development of appropriate curriculum materials for the classroom with a literature emphasis. Recommended for early childhood and primary school teachers and parents.

038 Administration & Supervision of Early Childhood Programs I (3) CSU
Dept. of Social Services DS6.
Prerequisite: CH DEV 001 and CH DEV 011, and CH DEV 003 or CH DEV 007 with a grade of C or better.
Lecture, 3 hours.
Students are prepared to establish and administer an early childhood program. Financial aspects of administration and legal rules and regulations pertaining to establishing a center are emphasized. Students apply licensing information and knowledge of regulations to design an appropriate environment, create a fiscal plan, marketing strategy and develop an enrollment and hiring process. This course partially fulfills the licensing requirements for the director.

039 Administration II: Personnel and Leadership in Early Childhood Education (3) CSU
Prerequisite: CH DEV 038 with a grade of C or better.
Lecture, 3 hours.
This course provides training for administrators of Early Childhood Programs on a variety of topics pertaining to administration of early childhood programs. Topics include: state and federal regulations, computer applications for administration, grant and proposal development, advocacy, leadership skills and team management techniques, developing a comprehensive parent partnership, working with Desired Results, and legal issues. This course partially fulfills the licensing requirement for the director.

042 Teaching in a Diverse Society (3) CSU
Prerequisite: None.
Recommended: CH DEV 001 and E.S.L. 008.
Lecture, 3 hours.
This course includes philosophy, principles and methods related to working with young children and families within a diverse society. Materials and experiences will be explored relating to diversity, including cultural, ethnic, ability, gender, social class and generation differences. Curriculum development, problem solving techniques and environmental designs will be studied from an inclusive perspective to infuse multi-cultural activities and an anti-bias perspective into the fabric of the curriculum.
C-ID: ECE 230

044 Early Intervention for Children with Special Needs (3) CSU
Prerequisite: CH DEV 001 with a grade of C or better.
Lecture, 3 hours.
This course is an introduction to the study of exceptional children, focusing on classification and special characteristics of the exceptional child. This course requires observations of children in various special education programs.

045 Programs for Children with Special Needs (3) CSU
Prerequisite: None.
Recommended: CH DEV 001.
Lecture, 3 hours.
This course is an Introduction to the study of exceptional children, focusing on general program planning and modification. Includes observations of programs.

046 School Age Programs I (3) CSU
Prerequisite: None.
Recommended: CH DEV 001 and E.S.L. 008.
Lecture, 3 hours.
This course is designed for students interested in working in before/after or out-of-school programs for school-age children. Students are introduced to the philosophies of programs for school-children. This course includes designing appropriate curriculum and experiences, classroom management and creating environments.

047 School Age Programs II (3) CSU
Prerequisite: None.
Recommended: CH DEV 001.
Lecture, 3 hours.
This course is designed for students interested in working in before/after or out-of school programs for school-age children. This course includes focus on developmental stages of school-age children, quality programs and program requirements, leadership, guidance strategies, communication between home and school, and community resources.

048 Positive Guidance in Early Childhood Settings (3) CSU
Prerequisite: None.
Recommended: CH DEV 001 and E.S.L. 008.
Lecture, 3 hours.
This course is an exploration of developmentally appropriate management techniques for children in early childhood settings. Emphasis is on developing culturally sensitive individualized plans for behavior management of children with traditional and special needs.

053 Parenting (3) CSU
Prerequisite: None.
Recommended: CH DEV 001.
Lecture, 3 hours.
This course will examine the role of the parent throughout the early stages of child development and provide strategies for supporting a variety of parenting styles and family structures. In addition, students will learn about positive parenting behaviors and explore techniques for fostering positive teacher-parent interactions.

065 Adult Supervision/Early Childhood Mentoring (2) CSU
Prerequisite: CH DEV 001 and CH DEV 011; and CH DEV 003, CH DEV 004, or CH DEV 007 with a grade of C or better.
Lecture, 2 hours.
This course focuses on principles and practices of supervision and evaluation of staff in Early Childhood Programs. The emphasis of this course is the role of experienced teachers who mentor or supervise new teachers and student teachers. This course meets supervision requirement for the Child Development Permit.

172 Introduction to Careers in Child Development (1)
Prerequisite: None.
Lecture, 1 hour.
This course introduces students to the variety of career options available to Child Development majors. Exploration of career opportunities, required qualifications, resources available, as well as academic and professional support systems will be discussed. Class is only offered on Pass/No Pass basis.

185 Directed Study - Child Development (1) CSU
285 Directed Study - Child Development (2) CSU
385 Directed Study - Child Development (3) CSU
Prerequisite: None.
Conference, 1 hour per unit.
Child Development 185, 285 and 385 allows students to pursue Directed Study in Child Development on a contract basis under the supervision of a supervising instructor. Student will work on a research project independently and will receive support from instructor.

CREDIT LIMIT: A MAXIMUM OF 3 UNITS PER SUBJECT IN DIRECTED STUDY MAY BE TAKEN FOR CREDIT.

UC CREDIT FOR INDEPENDENT STUDY DIRECTED STUDY COURSES NUMBERED 185, 285, AND 385 IN ANY DEPARTMENT IS NOT AUTOMATIC; CREDIT IS CONTINGENT ON UC CAMPUS EVALUATION AFTER APPLICATION AND ADMISSION. THESE UNITS SHOULD NOT BE USED TOWARD CALCULATION OF THE MINIMUM 60 UNITS NEEDED FOR ADMISSION TO THE UC.

911-921-931-941 Cooperative Education - Child Development (1-4) CSU
Child Development is approved for Cooperative Work Experience Education credit. See Cooperative Education, page 102, for prerequisite, course description and credit limits.

DURING THE FALL AND SPRING SEMESTERS, STUDENTS SHALL BE ENROLLED IN AT LEAST ONE ADDITIONAL COURSE IN A U.S. REGIONALLY ACCREDITED INSTITUTION.

CINEMA (CINEMA)

(Please also see Media Arts)

101 Beginning Film Production (3) UC:CSU
Corequisite: CINEMA 107.
Lecture, 2 hours; laboratory, 3 hours.
This course is a comprehensive introduction to the process of digital film/video production from script concept to finished project, centering on basic theory, terminology and creative uses of production and post-production equipment via exams, demonstrations, and hands-on experiences with digital and film media exercises

NOTE: STUDENTS WILL BE REQUIRED TO PROVIDE INSTRUCTIONAL MATERIALS TO COMPLETE CLASS ASSIGNMENTS. ADDITIONAL OUT-OF-CLASS OR LAB TIME MAY BE REQUIRED TO COMPLETE PROJECTS.

102 Film Genres (3) UC:CSU
Prerequisite: None.
Lecture, 3 hours.
This course is an analytic and critical overview of a variety of film genres, examining them from aesthetic, sociological and psychological perspectives. Particular emphasis will be given to how genre interacts between story content and audience with regard to gender roles and social structure, ethnicity, and socio-economics. Genres can include comedy, drama, action-adventure, suspense-thriller, animation, musical, horror and science-fiction.

103 Diversity in Cinema (3) UC:CSU
Prerequisite: None.
Lecture, 3 hours.
This course is an analytic and critical overview of diverse cultural representation in film from historic, aesthetic, sociological, philosophical and psychological perspectives. This includes an examination of established mainstream culture paradigms and how they intersect with minority cultures in terms of gender, ethnicity, religious, and other societal aspects. Further, the discussion will include minority access to development, production, distribution and exhibition.

104 History of Documentary Film (3) UC:CSU
Prerequisite: None.
Lecture, 3 hours.
This course presents a historical overview of the art and craft of documentary and non-fiction films from the silent era to contemporary times, both American and foreign, with an emphasis on the 'classics', propaganda, educational, docudrama, and avant-garde.

105 History of Motion Pictures (3) UC:CSU ✪
Prerequisite: None.
Lecture, 3 hours.
This course provides students with an introductory overview of the history of cinema, both American and foreign, from the earliest silents to contemporary times, with an emphasis on the first 75 years, via screenings, lectures, readings and discussions about the major artistic, social, economic, and technological trends.

106 The Art of Animation and Effects (3) UC:CSU
Prerequisite: None.
Lecture, 3 hours.
This course provides students with an analytical overview of traditional and experimental animation techniques, American and foreign, past and present. Practical special effects include optical, mechanical, mattes, miniatures, and others. Computer-generated visual effects cover previsualization, motion capture, digital compositing, and others.

107 Understanding Motion Pictures (3) UC:CSU ✪
Prerequisite: None.
Lecture, 3 hours.
This course provides students with an analytical critical survey of motion pictures as an art form, entertainment industry, and communication medium via screenings, lectures, readings about 'classic' and contemporary films, American and foreign, theatrical and non-theatrical.

110 Motion Picture Sound (3) CSU
Prerequisite: CINEMA 101 or MEDIART 101 with a grade of C or better.
Lecture, 2 hours; laboratory, 2 hours.
This is an intermediate course dealing with all aspects of film/video sound recording, mixing, and editing from theory to application, centering on learning the basic parts and functions of professional motion picture and digital video sound equipment and software, as well as sound techniques and aesthetics.

NOTE: STUDENTS WILL BE REQUIRED TO PROVIDE VARIOUS MEDIA STORAGE SUPPLIES TO COMPLETE CLASS ASSIGNMENTS. ADDITIONAL OUT-OF-CLASS OR LAB TIME MAY BE REQUIRED TO COMPLETE PROJECTS.

111 Developing Content for Movies (3) CSU
Prerequisite: None.
Lecture, 3 hours.
This survey course presents an overview of the business of moviemaking, using industry examples to study the acquisition and development of narrative and non-narrative projects from concept to delivery. It introduces the student to the art of creating and selling content for the entertainment industry. Students will learn how to acquire, develop, create and pitch material, as well as gain an understanding of the structure of the industry.

113 History of Animation (3) UC:CSU
Prerequisites: None.
Lecture, 3 hours.
Students will examine a historical overview of the art and craft of international animation, from the silent era to present day, with an emphasis on classics, ground breaking films and shows, both foreign and domestic, including different techniques: hand drawn, stop motion, and computer-generated animation.

114 Master Filmmakers (3) UC:CSU ✪
Prerequisites: None.
Lecture, 3 hours.
This course provides students with an exploration of important filmmakers and how their work has advanced and defined the art of cinema from a historical and societal perspective. Landmark films by celebrated filmmakers, both foreign and domestic, are analyzed in terms of theme, structure, and cinematic technique. Emphasis is placed on the role of the auteur as well as filmmakers' contributions to specific film genres. Information on specific filmmakers and their impact on major artistic, social, economic, and technological trends throughout history will be delivered via screenings, lectures, readings, and discussions.

115 Cinematography (3) UC:CSU
Prerequisite: CINEMA 101 or MEDIART 101 with a grade of C or better.
Lecture, 2 hours; laboratory, 2 hours.
This is an intermediate course dealing with all aspects of cinematography from theory to application, centering on learning the basic parts and function of intermediate film/video cameras, lenses, lighting equipment, accessories as well as cinematography techniques and aesthetics.

NOTE: STUDENTS WILL BE REQUIRED TO PROVIDE INSTRUCTIONAL MATERIALS TO COMPLETE CLASS ASSIGNMENTS. ADDITIONAL OUT-OF-CLASS OR LAB TIME MAY BE REQUIRED TO COMPLETE PROJECTS.

120 Film Editing (3) UC:CSU
Prerequisite: CINEMA 101 or MEDIART 101 with a grade of C or better.
Lecture, 2 hours; laboratory, 2 hours.
This is an intermediate course covering all aspects of digital film/video editing theory, techniques and aesthetics. A variety of professional applications will be utilized in the editing exercises.

NOTE: STUDENTS WILL BE REQUIRED TO PROVIDE INSTRUCTIONAL MATERIALS TO COMPLETE CLASS ASSIGNMENTS. ADDITIONAL OUT-OF-CLASS OR LAB TIME MAY BE REQUIRED TO COMPLETE PROJECTS.

125 Film Production Workshop (3) CSU
Prerequisite: CINEMA 107; and CINEMA 115 or MEDIART 115 with grades of C or better. Corequisite: CINEMA 110 or MEDIART 110; and CINEMA 120 or MEDIART 120.
Lecture, 2 hours; laboratory, 2 hours.
Advanced course in practical filmmaking, with each student required to produce/write/direct and tech a professional short film with sound, as well as crew for other assigned films

NOTE: STUDENTS WILL BE REQUIRED TO PROVIDE INSTRUCTIONAL MATERIALS TO COMPLETE CLASS ASSIGNMENTS. ADDITIONAL OUT-OF-CLASS OR LAB TIME IS REQUIRED TO COMPLETE PROJECTS.

150 Cinema Internship (3) CSU
Prerequisite: CINEMA 101 or MEDIART 101 with a grade of C or better; and CINEMA 110, CINEMA 111, CINEMA 115, CINEMA 120, CINEMA 125, MEDIART 105, MEDIART 110, MEDIART 113, MEDIART 115, MEDIART 116, MEDIART 118, MEDIART 120, MEDIART 130, or MEDIART 131 with a grade of C or better.
Laboratory, 6 hours.
Students will gain hands-on experience working in an approved internship within the entertainment industry in order to utilize the skills they have learned in the listed prerequisite courses.

911-921-931-941 Cooperative Education - Cinema (1-4) CSU
Cinema is approved for Cooperative Work Experience Education credit. See Cooperative Education, page 102, for prerequisite, course description and credit limits.

DURING THE FALL AND SPRING SEMESTERS, STUDENTS SHALL BE ENROLLED IN AT LEAST ONE ADDITIONAL COURSE IN A U.S. REGIONALLY ACCREDITED INSTITUTION.

COLLEGE STUDIES (COLLEGE)

101 Navigating Your Path Through College to Career (1) CSU
Prerequisite: None.
Lecture, 1 hour; laboratory, 1 hour.
College success is strongly predicted by a student's sense of belonging, confidence as a learner, and work towards personally meaningful goals. This course aims to promote growth in all three of these areas. Students will explore career pathways and develop community with faculty and peers who share their academic interests. Students will identify their college readiness strengths and needs, explore relevant campus services, and practice essential academic skills to expand their personal tool-kit for academic success. Assignments and activities will develop critical thinking, communication, research, information literacy, and study skills in ways that integrate the student's career and academic interests and apply across general education disciplines.

COMMUNICATION STUDIES (COMM)
Formerly Speech Communication (Speech)

101 Public Speaking (3) UC:CSU ✪
(Formerly Speech 101)
Prerequisite: None.
Lecture, 3 hours.
This is an introductory course stressing the need for effective oral communication. The emphases in the course are on: principles of human communication, structuring various types of speeches, researching information, audience analysis, critical analysis of public discourse, presentation of speeches and building self confidence in public speaking situations.

C-ID: COMM 110

102 Oral Communication II (3) UC:CSU
(Formerly Speech 102)
Prerequisite: None.
Lecture, 3 hours.
This is an introductory course that emphasizes the debate process. Fundamentals of effective argumentative speaking are examined. Oral activities are used extensively as learning devices.

104 Argumentation and Debate (3) UC:CSU ✪
(Formerly Speech 104)
Prerequisite: None.
Lecture, 3 hours.
This course is a critical thinking class in the foundation and strategies of argument, logical reasoning, rational thinking and decision making. Emphasis is placed on both how and why we make the decisions we do. Topics explored include: critical analysis of discourse, claims, definitions, evidence, reasoning, fallacies, and case building.

C-ID: COMM 120

105 Critical Thinking (3) UC:CSU ✪
(Formerly Speech 105)
Prerequisite: ENGLISH 101 with a grade of C or better.
Lecture, 3 hours.
Instruction in this course is designed to allow students an understanding of the relationship of language to logic, which should lead to the ability to analyze, criticize and advocate ideas, to reason inductively and deductively, and to identify the assumptions upon which particular conclusions depend. This class has a minimum 6,000 word writing component.

106 Forensics (2) CSU RPT3
(Formerly Speech 106)
Prerequisite: None.
Laboratory, 6 hours.
This course provides advanced training in public speaking, argumentation skills and intercollegiate competition in public debate.

C-ID: COMM 160B

121 Interpersonal Communication (3) UC:CSU
(Formerly Speech 121)
Prerequisite: None.
Lecture, 3 hours.
This is a lecture/activity/discussion course which proceeds through an analysis of the views of the scope and purpose of human communications including factors involved in the process of communicating, perception, self image, ethics, professional contexts, listening, non-verbal, conflict, language, and relationships. Emphasis is placed on the process of interpersonal communication.

C-ID: COMM 130

122 Intercultural Communication (3) UC:CSU
(Formerly Speech 122)
Prerequisite: None.
Recommended: Self-placement into ENGLISH 101 or E.S.L. 110.
Lecture, 3 hours.
This course examines communication in the context of intercultural interactions, explores verbal and nonverbal communication similarities and differences in communication across cultures, and provides strategies to enhance interpersonal communication skills within the context of intercultural communication.

C-ID: COMM 150

130 Introduction to Oral Interpretation of Literature (3) UC:CSU
(Formerly Speech 130)
Prerequisite: None.
Lecture, 3 hours.
Students study the theory, principles, and techniques of oral interpretation of literature. Texts include prose, poetry, drama, and other forms of performance texts drawn from a diverse range of cultural viewpoints and voices. Students focus on selection, analysis, editing, performance, and evaluation; developing an appreciation for and an understanding of oral interpretation as a communication medium.

C-ID: COMM 170

151 Small Group Communication (3) UC:CSU
(Formerly Speech 151)
Prerequisite: None.
Lecture, 3 hours.
This course provides an analysis of the purposes, principles, and types of group processes. Development of individual skills in persuasion, reasoning, decision making, leadership, effective listening, and problem solving, is achieved by responsible group participation.

C-ID: COMM 140

185 Directed Study - Speech Communication (1) CSU
285 Directed Study - Speech Communication (2) CSU
385 Directed Study - Speech Communication (3) CSU
(Formerly Speech 185, 285, 385 respectively)
Prerequisite: None.
Conference, 1 hour per unit.
This course allows students to pursue Directed Study in Communication Studies on a contract basis under the direction of a supervising instructor.

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COMPUTER APPLICATIONS OFFICE TECHNOLOGIES (CAOT)

001 Computer Keyboarding and Document Applications I (3) CSU
Prerequisite: None.
Lecture 2 hours, and laboratory, 3 hours.
This course instructs students in proper keyboarding techniques to accomplish mastery of the computer keyboard by touch. Students will develop speed and accuracy and produce basic business documents such as business letters, reports, and tables using word processing software.

002 Computer Keyboarding and Document Applications II (3) CSU
Prerequisite: None.
Recommended: CAOT 001 with a grade of C or better, or the equivalent.
Lecture, 2 hours; laboratory, 3 hours.
This course is an intermediate keyboarding course. Formatting various kinds of business correspondence including business letters, envelopes, reports, business forms, and tables of increasing complexity is emphasized. Continued emphasis is placed on keyboarding techniques, improving speed and accuracy on timed writings, and developing proofreading skills.

009 Computer Keyboarding Improvement (1) CSU
Prerequisite: None.
Recommended: CAOT 001 with a grade of C or better, or the equivalent.
Laboratory, 3 hours.
This course emphasizes speed and accuracy building on the keyboard using corrective drills, exercises, timed writings, and diagnostic computer keyboarding software.

031 Business English (3) CSU
Prerequisite: None.
Required for all incoming CAOT majors.
Recommended for Business majors.
Lecture, 3 hours.
Students will develop competency in the fundamentals and mechanics of correct English usage, including grammar, punctuation, capitalization, number style, sentence structure, and written expression. The course emphasizes appropriate methods of expression through sentence construction, paragraph development, and functional composition.

STUDENTS MAY NOT EARN CREDIT FOR BOTH CAOT 031 AND BUS 031.

032 Business Communications (3) CSU
Prerequisite: None.
Recommended: COAT 031 or BUS 031 with a grade of C or better.
Lecture, 3 hours.
This course provides students with the opportunity to develop the ability to write effective business memorandums, letters, e-mail messages, employment documents, and short reports developing in print and in digital formats. The problem-solving approach to creating messages that inform, persuade, and convey negative news is stressed. Emphasis is on the concepts of effective writing style such as organization, coherence, and unity as well as principles of grammar and punctuation of written business documents. The course also includes instruction in oral communication, speaking skills, and oral presentations. Communication technology platforms and tools, communication across cultures, listening skills, nonverbal communication, and workplace ethics in virtual and face-to-face settings are included.

STUDENTS MAY NOT EARN CREDIT FOR BOTH CAOT 032 AND BUS 032.

033 Records Management and Electronic Filing (3)
Prerequisite: None.
Lecture, 3 hour.
This course presents basic principles and procedures of record storage, control, retrieval and management by manual, electronic, and micrographic methods. Emphasis is also placed on sustainable environmental policies regarding records storage and management. Students will develop speed and accuracy in indexing, filing and finding documents in such systems as alphabetic, numeric, geographic, and subject.

035 Concepts in Information Systems (3) CSU
Prerequisite: None.
Lecture, 3 hours.
This course provides students with the basis for understanding concepts necessary for success in the Information Age. It provides an introduction to the basic concepts of an information system with emphasis on the components of the microcomputer, including the system unit and input, output, storage, and communication devices; application software; systems software; the Internet and the World Wide Web; and privacy and security issues.

037 Introduction to Bookkeeping (3)
Prerequisite: None.
Lecture, 3 hours.
This course is designed to acquaint students with the principles and practices of bookkeeping. Topics include the fundamentals of double entry bookkeeping, worksheets, and preparation of financial statements.

043 Office Procedures (3)
Prerequisite: CAOT 001 or 002 with a grade of C or better.
Lecture, 3 hours.
This course covers the concepts and procedures used in the automated/electronic office. Human relations skills, job interviewing techniques and strategies, attitude, personality, communication skills, reinforcement of keyboarding, business English, records management skills, and professional ethics needed for success in the automated/electronic office environment will be included. An emphasis is also placed on sustainable environment policies that may be initiated in the office/company workplace.

047 Applied Office Practice (2) CSU
Prerequisite: CAOT 001 or CAOT 002 with a grade of C or better.
Performance, 5 hours.
The student gains practical experience in many areas of office work by working six hours a week on campus. Special attention is given to developing the personal qualities desirable in business, the ability to follow both written and oral instructions, and confidence in handling routine office duties such as phone calls, office visitors, records management, and computer software programs.

078 Microcomputer Acctg Applications for the Electronic Office (3) CSU
Prerequisite: CAOT 037, ACCTG 001, or ACCTG 021 with a grade of C or better.
Lecture, 1 hour; laboratory, 4 hours.
This course acquaints students with the use of the microcomputer for bookkeeping and accounting applications. Students receive hands-on experience in analyzing business transactions, keeping records, preparing financial statements, and generating financial management reports using an accounting software package such as QuickBooks. The course will cover sales and receivables, payables and purchases, general and end-of-period procedures, and payroll for service and merchandising businesses.

082 Microcomputer Software Survey in the Office (3) CSU
Prerequisite: None.
Recommended: CAOT 031 or CAOT 092 with a grade of C or better.
Lecture, 2 hours; laboratory, 3 hours.
This course is a survey of major office applications used in Business. Word processing, graphics, spreadsheet, presentation, and database applications will be included. An integrated suite such as Microsoft Office Professional will be used. The course provides hands-on instruction to the Windows operating system and exploration of the Internet.

084 Microcomputer Office Applications: Word Processing (3) CSU
Prerequisite: None.
Recommended: CAOT 001 or CAOT 002 and CAOT 031 and CAOT 092 with passing grades of C or better.
Lecture, 2 hour; laboratory, 3 hours.
This course provides information and hands-on training using word processing software programs such as Microsoft Word. Students will learn beginning and advanced functions and apply their skills and knowledge to a wide variety of simple and complex documents, such as letters, memoranda, columnar tables, text tables, manuscripts, mail merge, and graphics.

085 Microcomputer Office Applications: Spreadsheet (3) CSU
Prerequisite: None.
Recommended: CAOT 031 and CAOT 092 with passing grades of C or better.
Lecture, 2 hours; laboratory, 3 hours.
This course provides a detailed study of business applications using Microsoft Excel or a similar software. Topics include the commands, formats, and functions of the software with emphasis on its use as a problem solving and financial analysis tool. Students will learn to create macros, customize toolbars and menus, and integrate Excel with other applications. It covers the creation, editing, formatting, and printing of worksheets. It emphasizes preparing computerized worksheets, using formulas and functions to analyze data, prepare graphs, and simplify office accounting procedures.

086 Microcomputer Office Applications: Database (3) CSU
Prerequisite: None.
Recommended: CAOT 031 or CAOT 092 with passing grades of C or better.
Lecture, 2 hours; laboratory, 3 hours.
This course covers database office applications using Microsoft Access or a similar database software. It provides an in-depth coverage of database and records design, creating pivot tables and pivot charts, file creation and maintenance, file search by various criteria, formatting and printing on-screen data representations, production of reports, and discussion of Internet-based database operations.

092 Computer Windows Application (2) CSU
Prerequisite: None.
Lecture, 1 hour, laboratory, 2 hours.
This course prepares students to work efficiently within the Microsoft Windows operating system. Topics include windows desktop, help, file, and folder management, accessing applications and communicating, and customizing a computer using the control panel.

097 Internet for Business (3)
Prerequisite: None.
Recommended: CAOT 031 or CAOT 092 with passing grades of C or better.
Lecture, 2 hours; laboratory, 3 hours.
This course provides an overview of the use of the Internet for the office professional. It covers Internet tools used in business such as electronic mail, browsers, search engines, virtual meetings, messaging, research, file sharing, remote access, social networking in business, and the creation of Web pages.

108 Presentation Design for the Office (2) CSU
Prerequisite: None.
Recommended: CAOT 031 or CAOT 092 with passing grades of C or better.
Lecture, 1 hour; laboratory, 2 hours.
This course covers Microsoft PowerPoint presentation application software used to design, modify, and create multimedia presentations. It includes converting presentations into Website elements, and using graphics, tables, charts, diagrams, sound, video, animation, and other enhancement features in presentations.

123 Web Design Applications for the Office Professional (3)
Prerequisite: None.
Recommended: CAOT 031, CAOT 092, and CAOT 097 with passing grades of C or better.
Lecture, 2 hours; laboratory, 2 hours.
This course is designed to provide students who are familiar with creating Web pages with the ability to create more fully developed Web sites, using HTML, CSS, and a variety of authoring tools. Through lectures and demonstrations, students learn how to incorporate text, images, hyperlinks, animation, sounds, video, and interactive elements into a Web site.

124 Introduction to Image Creation for the Office Professional (3)
Prerequisite: None.
Recommended: CAOT 031, CAOT 092, and CAOT 097 with passing grades of C or better.
Lecture, 2 hours; laboratory 2 hours.
This course covers importing, correcting, and manipulating images using Adobe Photoshop or a similar software. The course includes planning, creating, scanning, and modifying images that can be used for a variety of business applications.

185 Directed Study – Computer Applications Office Technology (1) CSU
385 Directed Study – Computer Applications Office Technology (3) CSU
Prerequisite: None.
Conference, 1 hour per unit.
This course allows students to pursue directed study in Computer Applications & Office Technology on a contract basis under the direction of a supervising instructor.

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911-921-931-941 Cooperative Education – CAOT (1-4) CSU
Computer Applications & Office Technologies is approved for Cooperative Work Experience Education credit. See Cooperative Education, page 102, for prerequisite, course description and credit limits.

DURING THE FALL AND SPRING SEMESTERS, STUDENTS SHALL BE ENROLLED IN AT LEAST ONE ADDITIONAL COURSE IN A U.S. REGIONALLY ACCREDITED INSTITUTION.

COMPUTER INFORMATION SYSTEMS (CIS)

101 Introduction to Computers and Their Uses (3) UC:CSU
Prerequisite: None.
Lecture, 3 hours.
The course provides an overview of computers and information processing. It presents the fundamental concepts of a computer's hardware and software. Students are introduced to popular computer programs including Word Processing, Spreadsheets, Presentation, and Database programs. The Internet, Utility Programs, Computer Ethics and Data Representation are discussed. The societal impact of computers is critiqued.

THIS COURSE REPLACED CO SCI 801 IN SPRING 2020. STUDENTS CAN NOT EARN CREDIT FOR BOTH CIS 101 AND CO SCI 801.

104 Microcomputer Application Software (3) CSU
Prerequisite: None.
Lecture, 3 hours; laboratory 2 hours.
Students will learn about computer components how they interact with software, and how to interpret data representation in memory. The course includes a survey of major office applications, including word processing, spreadsheets, database management, and presentation software, using an integrated suite, such as Microsoft Office. Topics include: use of templates and document automation, designing spreadsheet, charting data, creation of electronic presentations, principles of database design, object linking and embedding (OLE), creating web pages. Required for majors.

THIS COURSE REPLACED CO SCI 830 IN SPRING 2020. STUDENTS MAY NOT RECEIVE CREDIT FOR BOTH CO SCI 830 AND CIS 104.

EFFECTIVE WINTER 2021, THIS COURSE IS OFFERED AT 3 UNITS.

112 Operating Systems - Beginning Linux (3) UC:CSU
Prerequisite: CO SCI 802 or CS 101 with a grade of C or better.
Lecture, 2 hours; laboratory, 2 hours.
This course is the first in a series of three courses designed to prepare the student to take LPI level certification exams. Each of these courses corresponds to one of the levels of LPI exam levels as LPI I, II and III. The purpose of this course is to develop sufficient expertise, knowledge, skills and confidence to enable the student to pursue self development in order to be able to take Linux certification exams. Subjects covered: Linux Command-Line Tools Managing Software Configuring Hardware Managing File and Filesystems The X Windows System The Boot Process and Scripts Documentation and Security Administering the System Basic Networking Managing Servers In addition the following areas are covered as well: Multi boot installation, Linux commands (almost all are the same or very similar to UNIX commands), system management and maintenance, scripting, diagnosis and troubleshooting, setting up a simple network and use of network commands. Updating and upgrading software, installation of new software and applications. Operating systems theory, design or construction are not covered. However, key characteristics of a superior operating system are explored. An integral part of this course is extensive lab work in the class.

THIS COURSE REPLACED CO SCI 834 IN SPRING 2020. STUDENTS MAY NOT RECEIVE CREDIT FOR BOTH CO SCI 834 AND CIS 112.

113 Intermediate Linux (3) CSU
Prerequisites: CO SCI 834 or CIS 112 with a grade C or better.
Recommended: CO SCI 863 or CIS 210.
Lecture, 2 hours; laboratory 2 hours.
This course is the 2nd in a series of three courses intended to prepare the student for the three LPI certification exams. The purpose of this course is to advance student's theoretical and practical knowledge of the Linux Operating System so that the student can take Linux certification exams at LPI 2 level. The exams are external to this institution and a fee applies. The student is expected to do some preparatory work on their own prior to taking the certification tests. Subjects covered: System Startup and Advanced System Management Linux Kernel Configuration Basic File Management Advanced Disk Management Networking Configuration DNS Server Configuration Advanced Networking Configuration Configuring file Servers Configuring Web and E-mail servers Security System Troubleshooting I: Boot and Kernel Problems System Troubleshooting II: System Resources and User Environment

THIS COURSE REPLACED CO INFO 837 IN SPRING 2020. STUDENTS MAY NOT RECEIVE CREDIT FOR BOTH CO INFO 837 AND CIS 113.

114 Operating Systems - Advanced Linux (3) CSU

Prerequisites: CO INFO 837 or CIS 113 with a grade C or better.
Lecture, 2 hours; laboratory 2 hours.
This course is the 3rd in a series of three courses intended to prepare the student for the three LPI certification exams. The purpose of this course is to advance student's theoretical and practical knowledge of the Linux Operating System so that the student can take Linux certification exams at LPI 3 level. The exams are external to this institution and a fee applies. The student is expected to do some preparatory work on their own prior to taking the certification tests. Subjects covered: Advanced: LDAP, Samba, Mixed Windows and Linux environments, Security(Host, access, network), Virtualization, High Availability Cluster Management and Cluster Storage.

THIS COURSE REPLACED CO INFO 838 IN SPRING 2020. STUDENTS MAY NOT RECEIVE CREDIT FOR BOTH CO INFO 838 AND CIS 114.

192 Introduction to Cloud Computing (3) CSU

Prerequisite: None.
Lecture, 2 hours; laboratory, 2 hours
Students learn cloud computing which shifts information systems from on premises computing infrastructure to highly scalable Internet architectures. Students learn concepts of IT cloud computing infrastructure and systems and gain skills necessary to apply knowledge to implement, deploy, and support; configuration, optimization, services, and virtualization in the cloud environment. Students will learn concepts of cloud computing for both the enterprise and SoHo environments. Students review case studies to examine various industry cloud practices and applications. The course also surveys cloud careers and discusses industry demand for cloud skills.

193 Database Essentials in Amazon Web Services (3) CSU

Prerequisite: None.
Lecture, 2 hours; laboratory, 2 hours
This course addresses cloud database management which supports a number of different approaches for storing data. In the course, students define, operate and scale both SQL and noSQL data storage solutions. This course considers factors that should be balanced during the design of a storage solution. Principles are applied by performing exercises using Amazon RDS and SQL to create and fill tables, retrieve and manipulate data. Object-based APIs are used to serialize objects to Amazon DynamoDB for noSQL solutions. Topics include automated backups, transaction logs, restoration, and retention.

194 Compute Engines in Amazon Web Services (3) CSU

Prerequisite: None.
Lecture, 2 hours; laboratory, 2 hours
Students explore how cloud computing systems are built using a common set of core technologies, algorithms, and design principles centered around distributed systems. Students gain an understanding of business and technical tools, and architecting on the Cloud. Students acquire practical hands-on experience solving real-world cloud computing problems with the Cloud. Students learn about tools useful for managing a business' IT infrastructure, and an understanding of how the cloud platform can help companies meet compliance, governance, and regulatory requirements.

195 Security in the Cloud (3) CSU

Prerequisite: None.
Lecture, 2 hours; laboratory, 2 hours
Students learn to protect the confidentiality, integrity and availability of computing systems and data. Students learn how to use redundant and layered controls, continuous validation and testing, and a substantial amount of automation to ensure the underlying infrastructure is continuously monitored and protected. Students learn about the various security tools and features provided by Cloud Services. Students learn fundamental principles and topics of Information Technology Security and Risk Management at the organizational level and policies and procedures with respect to organizational Cybersecurity and Risk Management.

210 Introduction to Computer Networking (3) CSU

Prerequisite: CO SCI 801 or CIS 101 with a grade of C or better.
Lecture, 2 hours; laboratory, 3 hours.
This course presents the theory and practice of computer networking. It covers the principles and techniques used in designing data networks. Topics include networking theory, network design and implementation, network management, data communication fundamentals, noise effects, network communications and protocols, topologies, transmission methods, as well as architecture, the presentation, modeling and performance analysis of various type of networks including (LANs, WANs, and WiFi), maintenance and troubleshooting, and network security. This course has a comprehensive coverage of fundamental networking technologies, with a focus on major operating systems.

THIS COURSE REPLACED CO SCI 863 IN SPRING 2020. STUDENTS MAY NOT RECEIVE CREDIT FOR BOTH CO SCI 863 AND CIS 210.

911-921-931-941 Cooperative Education - Computer Science Information Technology (1-4) CSU

Computer Information Systems is approved for Cooperative Work Experience Education credit. See Cooperative Education, page 102, for prerequisite, course description and credit limits.

DURING THE FALL AND SPRING SEMESTERS, STUDENTS SHALL BE ENROLLED IN AT LEAST ONE ADDITIONAL COURSE IN A U.S. REGIONALLY ACCREDITED INSTITUTION.

COMPUTER SCIENCE (CS)

101 Introduction to Computer Science (3) UC:CSU

Prerequisite: MATH 110, 112, or placement into MATH 115 or higher.
Lecture, 2 hours; laboratory, 4 hours.
This course is an introduction to the design, analysis, development, and implementation of computer programs using a high-level, object-oriented programming language. The focus is on analytic programming skills, problem-solving, the design and analysis of algorithms, and the software construction process.

THIS COURSE REPLACED CO SCI 802 IN SPRING 2020. STUDENTS MAY NOT RECEIVE CREDIT FOR BOTH CO SCI 802 AND CS 101.

111 Programming in Visual Basic (3) UC:CSU

Prerequisite: CO SCI 802 or CS 101 with a grade of C or better.
Lecture, 2 hours; laboratory, 2 hours.
This course covers fundamental principles of event-driven programming for Windows applications using Visual Basic and Windows applications with graphical user interfaces. Topics covered by the course include controls and their properties, methods and events; basic data types and variables; subroutines and functions; scope; control structures; building graphical user interfaces; and interfacing with the Windows operating system. Object linking and embedding (OLE) and multimedia also are introduced.

THIS COURSE REPLACED CO SCI 808 IN SPRING 2020. STUDENTS CAN NOT EARN CREDIT FOR BOTH CS 111 AND CO SCI 808.

113 Programming in Java (3) CSU

Prerequisite: CS 101 with a grade of C or better.
Lecture, 2 hours; laboratory, 2 hours.
Students learn the basics of procedural programming, plus the concepts of object-oriented programming.

115 Programming in C# (3) UC:CSU
Prerequisite: CO SCI 802 or CS 101 with a grade of C or better.
Lecture, 2 hours; laboratory 2 hours.
This course covers principles of event-driven programming and object-oriented design in Windows applications using the C# programming language. The course emphasis is on event-driven programming using GUI classes, instantiating objects, working with properties, methods, and events, and creating event-handlers. Course topics include the Visual Studio IDE, variable scope and lifetime, various .NET Framework control classes, constructors, arrays and collections, strings, data validation and exception handling, multi-form projects, access modifiers, creating user-defined classes, and introduction to the OOP concepts of data encapsulation, inheritance, and polymorphism.

THIS COURSE REPLACED CO SCI 895 IN SPRING 2020. STUDENTS CAN NOT EARN CREDIT FOR BOTH CS 115 AND CO SCI 895.

117 Intermediate Programming Using C/C++ (3) UC:CSU
Prerequisite: CO SCI 802 or CS 101 with a grade of C or better.
Lecture, 2 hours; laboratory, 2 hours.
This course covers the principal elements of the "C++" programming language, including functions and function prototypes, pointers, arrays, strings, structures, unions, enumerated types, intraprogram and interprogram communication, and dynamic memory allocation.

THIS COURSE REPLACED CO SCI 839 IN SPRING 2020. STUDENTS MAY NOT RECEIVE CREDIT FOR BOTH CS 117 AND CO SCI 839.

119 Programming in Python (3) UC:CSU
Prerequisite: None.
Lecture, 2 hours; laboratory, 2 hours.
Students will learn topics of the Python language such as data types, variables, control structures, Python Objects and Object Oriented Design, standard and advanced mathematical libraries, tool-chain use and Python Frameworks, user-defined classes and abstract collections, single and multidimensional arrays, Python lists, tuples, collections, and dictionaries.

THIS COURSE REPLACED CO SCI 903 IN SPRING 2020. STUDENTS CAN NOT EARN CREDIT FOR BOTH CS 119 AND CO SCI 903.

130 Introduction to Computer Architecture and Organization (3) UC:CSU
Prerequisite: CO SCI 802 or CS 101 with a grade of C or better.
Lecture, 2 hours; laboratory 2 hours.
The course covers the fundamentals of information representation and storage organization in computer systems. Topics include computer hardware components, typical computer architectures, instruction formats, addressing modes, stacks, the instruction execution cycle, assembly language instruction formats, compiler translation, optimizing compilers, dissemblers, loaders and simulators, system interrupts, virtual memory, boolean algebra and logic gates, combinational logic and sequential devices.

THIS COURSE REPLACED CO SCI 816 IN SPRING 2020. STUDENTS CAN NOT EARN CREDIT FOR BOTH CS 130 AND CO SCI 816.

136 Introduction to Data Structures (3) UC:CSU
Prerequisite: CO SCI 839 or CS 117 with a grade of C or better.
Lecture, 2 hours; laboratory 2 hours.
This course will cover an introduction to the study of data structures formed from primitive data types and the role of abstract data types, including stacks, queues, lists, trees, and graphs. Students will also learn about the definition of these abstract data types, and their implementation and application in program design and algorithms that use them, including recursion and use of complexity analysis in evaluating algorithms.

THIS COURSE REPLACED CO SCI 836 IN SPRING 2020. STUDENTS CAN NOT EARN CREDIT FOR BOTH CS 136 AND CO SCI 836.

150 Windows and Web Database Programming (3) UC:CSU
Prerequisite: CO SCI 808 or CO SCI 895 or CS 111 or CS 115 with a grade of C or better.
Lecture, 2 hours; laboratory, 2 hours.
An introduction to programming applications that use a graphical user interface (GUI) in a Web based environment such as ASP.Net to access and modify data in Relational Database Management Systems (RDBMS) using object-oriented programming (OOP) principles and Structured Query Language (SQL). Topics include: Server side technologies, event driven programming, relational database design, website security and data validation. The class will be taught using one or more of the OOP programming languages currently used in the business world, such as Visual Basic.NET or C#.

THIS COURSE REPLACED CO SCI 870 IN SPRING 2020. STUDENTS MAY NOT RECEIVE CREDIT FOR BOTH CO SCI 870 AND CS 150.

213 Advanced Programming in Java (3) UC:CSU
Prerequisite: CO SCI 802 or CS 101 with a grade of C or better.
Lecture, 2 hours; laboratory 2 hours.
This course covers principles of object-oriented design and programming using Java. Additional topics include writing applets, working with exceptions, file input/output, networking, building event driven GUIs, and developing multithreaded programs using concurrency, and Unified Modeling Language.

THIS COURSE REPLACED CO SCI 890 IN SPRING 2020. STUDENTS CAN NOT EARN CREDIT FOR BOTH CS 213 AND CO SCI 890.

216 Object-Oriented Programming in C++ (3) UC:CSU
Prerequisite: CO SCI 839 or CS 117 with a grade of C or better.
Lecture, 2 hours; laboratory, 2 hours.
This course covers principles of object-oriented design and programming using C++. The topics covered by this course include the role of objects as abstract data types; data abstraction, inheritance, and polymorphism; constructors and destructors; overloading member functions; static members; operator overloading; friend functions and classes; overriding base class member functions; private, public, and protected access; virtual member functions, pure virtual functions and abstract base classes; composition v. inheritance; exception handling; dynamic memory allocation for objects and I/O streams.

THIS COURSE REPLACED CO SCI 840 IN SPRING 2020. STUDENTS CAN NOT EARN CREDIT FOR BOTH CS 216 AND CO SCI 840.

220 Advanced Computer Programming (3) UC:CSU
Prerequisite: CO SCI 840 or CS 216 with a grade of C or better.
Lecture, 2 hours; laboratory 2 hours.
This course covers principles of object-oriented and event-driven design and programming for Windows. This course uses an object-oriented and event-driven language such as Visual C++ to provide an understanding of designing, developing, and implementing Windows applications. The course will include coverage of standard Windows interface mechanisms, Single-Document Interface (SDI) applications, serialization, Multi-Document Interface (MDI) applications, and multimedia applications.

THIS COURSE REPLACED CO SCI 861 IN SPRING 2020. STUDENTS MAY NOT RECEIVE CREDIT FOR BOTH CS 220 AND CO SCI 861.

236 Advanced Data Structures and Introduction to Databases (3) UC:CSU
Prerequisite: CO SCI 836 or CS 136 with a grade of C or better.
Lecture, 2 hours; laboratory, 2 hours.
This course covers advanced topics in the study of data structures; the role of abstract data types (including priority queues, heaps, graphs, sets, sorting, searching, and hashing) and their specification, implementation and application in program design; recursion; and use of complexity analysis in evaluating algoriths.

THIS COURSE REPLACED CO SCI 832 in Spring 202. Students may not receive credit for both Co Sci 832 and CS 236.

COOPERATIVE EDUCATION (COOP ED)

195-295-395 Work Experience, General I (1-3) CSU
Prerequisite: None.
Cooperative Education, General is approved for Cooperative Education, Work Experience, and Internships. Cooperative Education is a work experience program involving the employer, the student-employee and the college to insure that the student receives on the job training and the unit credit for work experience or volunteer work/internship. Students must be employed or volunteering/interning in order to participate in program. During the fall and spring semesters, students shall be enrolled in at least one additional course in a U.S. regionally accredited institution.

COUNSELING (COUNSEL)

001 Introduction to College (1) CSU
Prerequisite: None.
Offered on a Pass-No Pass basis only.
Lecture, 1 hour.
This course provides students with important information about the college and its resources, introduces them to the requisite skills for college success, helps them set educational and career goals, and assists them in developing a student educational plan (SEP) to meet those goals.

004 Career Planning (1) CSU
Prerequisite: None.
Lecture, 1 hour.
This is a career planning course designed to help the undecided student make a meaningful decision regarding a career goal. The course includes career assessments, various self-appraisal techniques, and information regarding career characteristics and trends using career information technology. This course provides students with insights into their interests, skills, values and personality which gives them the ability to make realistic and informed career choices about Career and Academic Pathways (CAPS).

020 Post-Secondary Education: The Scope of Career Planning (3) UC:CSU
Prerequisite: None.
Lecture, 3 hours.
This course introduces students to the role of higher education in society and to their role as students. Students explore personal attributes needed for college success, critical thinking and effective study strategies, relating to others in a diverse world, the career planning and decision making process, and transfer and educational planning. This course will also provide students with an overview of campus resources and policies.

DANCE SPECIALTIES (DNCESPC)

Some courses in Dance Specialties are part of the Dance Family group and have enrollment limitations. The group code appears under the course title. See page 203 for more information.

161 Cultural Dance Rehearsals and Performances I (1) UC:CSU
(Dance Family D11)
Prerequisite: None.
Activity, 3 hours.
This course provides students with structured cultural dance rehearsal time which culminates in a performance. Students participate as dancers and/or production personnel and may perform on campus or in the community.

STUDENT MAY BE CONSIDERED THROUGH AN AUDITION PROCESS.

171 Hip-Hop Dance Techniques I (1) UC:CSU
(Dance Family D04)
Prerequisite: None.
Activity, 3 hours.
This course is an introduction to the basic technique of Hip-Hop dance, and will focus on the fundamentals of various Hip-Hop styles, including their historical chronology and context. Musicality and rhythmic skills will be emphasized, as well as body conditioning and that develops strength, stamina, and an awareness of proper dance conditioning techniques.

172 Hip-Hop Dance Techniques II (1) UC:CSU
(Dance Family D04)
Prerequisite: DNCESPC 171 with a grade of C or better.
Activity, 3 hours.
This beginning level Hip-Hop course will focus on the foundation of various Hip-Hop/Street dance techniques. Musicality and beginning level rhythmic skills will be emphasized, in addition to historical chronology and context.

173 Hip-Hop Dance Techniques III (1) UC:CSU
(Dance Family D04)
Prerequisite: DNCESPC 172 with a grade of C or better.
Activity, 3 hours.
This intermediate level Hip-Hop course will focus on Hip-Hop/Street dance techniques. Technical aspects will be emphasized, with a focus on memorization and building dance phrases from movement vocabulary learned in class. Instruction will include historical chronology and context.

174 Hip-Hop Dance Techniques IV (1) UC:CSU
(Dance Family D04)
Prerequisite: DNCESPC 173 with a grade of C or better.
Activity, 3 hours.
This advanced level Hip-Hop course will focus on improvisation and free style Hip-Hop/Street dance techniques. Technical aspects will be emphasized, with a focus on individual expression and style. Instruction will include historical chronology and context.

331 Tap Dance Techniques I (1) UC:CSU
(Dance Family D08)
Prerequisite: None.
Activity, 3 hours.
This course is an introduction to basic tap dance skills. Students will learn and practice introductory level tap dance fundamentals, steps, choreography, and terminology.

332 Tap Dance Techniques II ‡ (1) UC:CSU
(Dance Family D08)
Prerequisite: DNCESPC 331 with a grade of C or better.
Activity, 3 hours.
This course offers instruction in beginning level tap dance skills. Students will learn and practice beginning level tap dance fundamentals, steps, choreography, and terminology.

STUDENT MAY BE CONSIDERED THROUGH AUDITION PROCESS.

333 Tap Dance Techniques III (1) UC:CSU
(Dance Family D08)
Prerequisite: DNCESPC 332 with a grade of C or better.
Activity, 3 hours.
This course offers instruction in intermediate level tap dance skills. Students will learn and practice intermediate level tap dance fundamentals, steps, choreography, and terminology.

STUDENT MAY BE CONSIDERED THROUGH AN AUDITION PROCESS.

334 Tap Dance Techniques IV (1) UC:CSU
(Dance Family D08)
Prerequisite: DNCESPC 333 with a grade of C or better.
Activity, 3 hours.
This course offers instruction in advanced level tap dance skills. Students will learn and practice advanced level tap dance fundamentals, steps, choreography, and terminology.

STUDENT MAY BE CONSIDERED THROUGH AN AUDITION PROCESS.

441 Latin Social and Salsa Dance I (1) UC:CSU
(Dance Family D02)
Prerequisite: None.
Activity, 3 hours.
This course offers instruction and practice in the fundamentals of Latin Social and Salsa Dance, with focus on basic foot patterns, introductory level partnering sequences, cultural origins, and social etiquette.

442 Latin Social and Salsa Dance II (1) UC:CSU
(Dance Family D02)
Prerequisite: DNCESPC 441 with a grade of C or better.
Activity, 3 hours.
This course offers instruction and practice in the fundamentals of Latin Social and Salsa Dance, with focus on basic foot patterns, beginning level partnering sequences, cultural origins, and social etiquette.

443 Latin Social and Salsa Dance III (1) UC:CSU
(Dance Family D02)
Prerequisite: DNCESPC 442 with a grade of C or better.
Activity, 3 hours.
This course offers instruction and practice in the fundamentals of Latin Social and Salsa Dance, with focus on intermediate level foot patterns and partnering sequences, cultural origins, and social etiquette.

444 Latin Social and Salsa Dance IV (1) UC:CSU
(Dance Family D02)
Prerequisite: DNCESPC 443 with a grade of C or better.
Activity, 3 hours.
This course offers instruction and practice in the fundamentals of Latin Social and Salsa Dance, with focus on advanced foot patterns, advanced level partnering sequences, cultural origins, and social etiquette.

SOME COURSES IN DANCE STUDIES ARE PART OF THE DANCE FAMILY GROUP AND HAVE ENROLLMENT LIMITATIONS. THE GROUP CODE APPEARS UNDER THE COURSE TITLE. SEE PAGE 203 FOR MORE INFORMATION.

DANCE STUDIES (DANCEST)

Some courses in Dance Studies are part of the Dance Family group and have enrollment limitations. The group code appears under the course title. See page 203 for more information.

301 Choreography I (1) UC:CSU
(Dance Family D10)
Prerequisite: None.
Activity, 3 hours.
This course is an introduction to basic principles of dance composition and choreography. It includes theory and practice using improvisation, critical analysis, and implementation of the elements of space, time, and energy in student projects. Emphasis will be placed on the use of space: shape, levels, direction, focus, formations, and the dancers' relationship to the space around them.

302 Choreography II (1) UC:CSU
(Dance Family D10)
Prerequisite: DANCEST 301.
Activity, 3 hours.
This course covers beginning principles of dance composition and choreography. It includes theory and practice using improvisation, critical analysis, and implementation of the elements of movement (space, time, energy) in student projects, with a focus on the element of time.

801 Modern Dance I (3) UC:CSU
(Dance Family D06)
Prerequisite: None.
Lecture, 2 hours; activity, 4 hours.
This course offers instruction and practice in the fundamentals of Modern Dance. Instruction includes techniques, theory, and history of Modern Dance in its social, political and cultural context. The elements of improvisation and composition will also be introduced at the beginning level.

802 Modern Dance II (3) UC:CSU
(Dance Family D06)
Prerequisite: DANCEST 801.
Lecture, 2 hours; activity, 4 hours.
This course offers instruction and practice in Modern Dance technique at an intermediate level. Instruction includes technique, theory, and history of Modern Dance focusing on the post modern era. Improvisational techniques as they relate to composition will also be introduced at an intermediate level.

805 History and Appreciation of Dance (3) UC:CSU
Prerequisite: None.
Lecture, 3 hours.
This course provides a historical perspective of dance from ritual to contemporary theatrical dance forms. It focuses on the ways in which various dance forms reflect and shape culture, and how they reflect the historical, social and political climate of the day. The class will consider the impact of dance on the western world and how it has been affected by the different dance traditions world-wide.

814 Dance Production I (2) UC:CSU
(Dance Family D03)
Prerequisite: Audition required.
Lecture, 1 hour; activity, 3 hours.
This course provides instruction and laboratory experience in introductory level methods and techniques involved in producing and performing in a dance concert, including: an introduction to basic lighting, music/audio, rehearsal procedures, publicity, basic costume concepts, introductory level audition and performance skills, and an introduction to dance critique and assessment.

815 Dance Production II (2) UC:CSU
(Dance Family D03)
Prerequisite: DANCEST 814 with a grade of C or better and Audition required.
Lecture, 1 hour; activity, 3 hours.
This course provides instruction and laboratory experience in beginning level methods and techniques involved in producing and performing in a dance concert, including: rehearsal planning, publicity, beginning level lighting design for dance, music/audio, marketing, beginning level audition and performance skills, beginning costume design, dance critique and analysis.

816 Dance Production III (2) UC:CSU
(Dance Family D03)
Prerequisite: DANCEST 815 and Audition required.
Lecture, 1 hour; activity, 3 hours.
This course provides instruction and laboratory experience in intermediate level methods and techniques involved in producing and performing in a dance concert, including: rehearsal planning, publicity, lighting, music/audio, marketing, audition and performance skills, costume design, stage makeup design, dance critique and analysis.

820 Dance Staging and Methods (4) UC:CSU
(Dance Family D03)
Prerequisite: Audition required.
Lecture, 2 hours; activity, 4 hours.
This course provides instruction and laboratory experience in methods and techniques involved in producing a dance concert, including: rehearsal management and scheduling, choreographic applications, lighting, costuming, publicity, audition and performance skills, and dance critique and assessment.

822 Dance Rehearsals and Performances (1) UC:CSU
(Dance Family D11)
Prerequisite: Audition required.
Activity, 2 hours.
This course provides students with structured rehearsal time which culminates in a performance. Students participate as dancers and/or production personnel and may perform on campus or in the community.

185 Directed Study - Dance (1) CSU
285 Directed Study - Dance (2) CSU
(Dance Family D07)
Prerequisite: None.
Lecture, 1 hour per unit.
This course allows students to pursue directed studies in Dance on a contract basis, under the direction of a supervising instructor.
Credit limit: A maximum of 3 units per subject in Directed Study may be taken for credit.

UC CREDIT FOR INDEPENDENT STUDY/DIRECTED STUDY COURSES NUMBERED 185 IN ANY DEPARTMENT IS NOT AUTOMATIC; CREDIT IS CONTINGENT ON UC CAMPUS EVALUATION AFTER APPLICATION AND ADMISSION. THESE UNITS SHOULD NOT BE USED TOWARD CALCULATION OF THE MINIMUM 60 UNITS NEEDED FOR ADMISSION TO THE UC.

DANCE TECHNIQUES (DANCETQ)

Some courses in Dance Techniques are part of the Dance Family group and have enrollment limitations. The group code appears under the course title. See page 203 for more information.

111 Ballet Techniques I (1) UC:CSU
(Dance Family D01)
Prerequisite: None.
Activity, 3 hours
This course offers an introduction to traditional ballet techniques and principles, emphasizing instruction in the fundamentals of positions, placement, terminology, and introductory level exercises.

112 Ballet Techniques II (1) UC:CSU
(Dance Family D01)
Prerequisite: DANCETQ 111 with a grade of C or better.
Activity, 3 hours
This course offers instruction in traditional ballet techniques and principles, emphasizing instruction in the fundamentals of positions, placement, and beginning level barre and center floor exercises.

STUDENT MAY BE CONSIDERED THROUGH AN AUDITION PROCESS.

113 Ballet Techniques III (1) UC:CSU
(Dance Family D01)
Prerequisite: DANCETQ 112 with a grade of C or better.
Activity, 3 hours.
This course offers instruction in traditional ballet techniques and principles, emphasizing instruction and practice at an intermediate level.

STUDENT MAY BE CONSIDERED THROUGH AN AUDITION PROCESS.

114 Ballet Techniques IV (1) UC:CSU
(Dance Family D01)
Prerequisite: DANCETQ 113 with a grade of C or better.
Activity, 3 hours.
This course offers instruction in traditional ballet techniques and principles, emphasizing instruction and practice at an intermediate/advanced level.

121 Jazz Dance Techniques I (1) UC:CSU
(Dance Family D05)
Prerequisite: None.
Activity, 3 hours.
This course provides an introduction to the history, technique, principles, terminology and practice of jazz dance. The course will emphasize the correct placement and execution of jazz movements in a variety of styles, including: classic jazz, contemporary jazz, swing, lyrical, latin, and jazz funk.

122 Jazz Dance Techniques II (1) UC:CSU
(Dance Family D05)
Prerequisite: DANCETQ 121 with a grade of C or better.
Activity, 3 hours
This course provide instruction in the history, technique, principles, terminology and practice of jazz dance at the beginning level. The course will emphasize the correct placement and execution of jazz movements in a variety of styles, including: classic jazz, contemporary jazz, swing, lyrical, latin, and jazz funk.

123 Jazz Dance Techniques III (1) UC:CSU
(Dance Family D05)
Prerequisite: DANCETQ 122 with a grade of C or better.
Activity, 3 hours
This course provides instruction in the history, technique, principles, terminology, practice, and performance of jazz dance at the intermediate level. The course will emphasize the correct placement and execution of intermediate jazz movements in a variety of styles, including: classic jazz, contemporary jazz, swing, lyrical, latin, and jazz funk.

124 Jazz Dance Techniques IV (1) UC:CSU
(Dance Family D05)
Prerequisite: DANCETQ 123 with a grade of C or better.
Activity, 3 hours.
This course provides instruction in the history, technique, principles, terminology, practice, and performance of jazz dance at the advanced level. The course will emphasize the correct placement and execution of advanced jazz movements in a variety of styles, including: classic jazz, contemporary jazz, swing, lyrical, latin, and jazz funk, with a focus on performance techniques and styles.

141 Modern Dance Techniques I (1) UC:CSU
(Dance Family D06)
Prerequisite: None.
Activity, 3 hours.
This course teaches technique, principles, terminology and the practice of modern contemporary dance at the introductory level. Students will undergo an in depth exploration of how the body is used in modern dance technique with a focus on alignment, body part initiation, body organization and sequencing. The course will also include the history of modern dance and an introduction to the elements of space, time, and energy through improvisational and choreographic exercises. Students will develop coordination, flexibility, and cardiovascular strength using introductory movement combinations.

142 Modern Dance Techniques II (1) UC:CSU
(Dance Family D06)
Prerequisite: DANCETQ 141 with a grade of C or better.
Activity, 3 hours.
This course teaches technique, principles, terminology and the practice of modern (contemporary) dance at the beginning level. Emphasis is on the correct placement and execution of beginning level modern dance movements, and will include an in-depth exploration of the choreographic element of space through improvisational and choreographic exercises. Students will develop coordination, flexibility, and cardiovascular strength using beginning movement combinations.

143 Modern Dance Techniques III (1) UC:CSU
(Dance Family D06)
Prerequisite: DANCETQ 142 with a grade of C or better.
Activity, 3 hours.
This course teaches technique, principles, terminology and the practice of modern (contemporary) dance at the intermediate level. Emphasis is on the correct placement and execution of intermediate level modern dance movements, along with a more integrated use of the arms. The course will include an in-depth exploration of the choreographic element of Time through improvisational and choreographic exercises. Students will increase coordination, flexibility, and cardiovascular strength using intermediate movement combinations.

144 Modern Dance Techniques IV (1) UC:CSU
(Dance Family D06)
Prerequisite: DANCETQ 143 with a grade of C or better.
Activity, 3 hours.
This course teaches technique, principles, terminology and the practice of modern (contemporary) dance at the advanced level. Emphasis is on the correct placement and execution of advanced level modern dance movements, along with a more integrated use of the arms, head and torso. The course will include an in-depth exploration of the choreographic element of Energy through improvisational and choreographic exercises and exercises designed to enhance performance ability. Students will increase coordination, flexibility, and cardiovascular strength using advanced movement combinations.

151 Dance For Film and Stage I (1) UC:CSU
(Dance Family D07)
Prerequisite: None.
Activity, 3 hours.
This course will introduce students to dance steps, techniques, styles, choreography, and choreographers commonly found in film and musical theater productions, at the introductory level. Memorization, musicality and rhythmic skills will be emphasized.

152 Dance For Film and Stage II (1) UC:CSU
(Dance Family D07)
Prerequisite: DANCETQ 151 with a grade of C or better.
Activity, 3 hours.
This course will introduce students to dance steps, techniques, styles, choreography, and choreographers commonly found in film and musical theater productions, at the beginning level. Memorization, musicality and rhythmic skills will be emphasized.

153 Dance for Film and Stage III (1) UC:CSU
(Dance Family D07)
Prerequisite: DANCETQ 152 with a grade of C or better.
Activity, 3 hours.
This course will cover intermediate level dance techniques and rhythms commonly found in film and musical theater productions, and performance techniques inspired by various choreographers and genres of commercial dance. Course will also explore how and gender roles have influenced the art form.

154 Dance for Film and Stage IV (1) UC:CSU
(Dance Family D07)
Prerequisite: DANCETQ 153 with a grade of C or better.
Activity, 3 hours.
This course will cover advanced level dance steps and techniques commonly found in film and musical theater productions, and will provide instruction and practice in turns, performance technique, articulated head and torso, advanced rhythms, and various styles of dance that will assist students in preparing for dance auditions.

181 Pilates I (1) UC:CSU
(Dance Family D09)
Prerequisite: None.
Activity, 3 hours.
This beginning level Pilates course focuses on fundamental exercises which build a foundation of core strength, flexibility, strength, endurance, as well as increased functional capacity of the body. Dancers will improve their acquisition of skill, performance and health outcomes.

182 Pilates II (1) UC:CSU
(Dance Family D09)
Prerequisite: DANCETQ 181 with a grade if C or better.
Activity, 3 hours.
This course focuses on the basic exercises which continue to build a foundation of core strength and a greater level of flexibility, strength, endurance, and an increased functional capacity of the body. This system of exercise allows different exercises to be modified in range of difficulty from beginning to advanced, depending on many variables, and intensity is increased over time as the body conditions and adapts to the exercises. This class prepares participants for more intermediate levels of Pilates exercises.

221 Yoga Skills I (1) UC:CSU
(Dance Family D09)
Prerequisite: None.
Activity, 3 hours.
This course provides an introduction to instruction and practice in yoga technique, to supplement and enhance dance technique or other general fitness activities. Yoga focuses on the development of the body/mind through the use of specific yoga postures, breathing techniques, meditation, and relaxation, that facilitate body awareness, self-discipline, alignment, flexibility, balance, and stress reduction.

222 Yoga Skills II (1) UC:CSU
(Dance Family D09)
Prerequisite: DANCETQ 221 with a grade of C or better.
Activity, 3 hours.
This course provides beginning level instruction and practice in yoga technique, to supplement and enhance dance technique or other general fitness activities. Yoga focuses on the development of the body/mind through the use of specific yoga postures, breathing techniques, meditation, and relaxation, that facilitate body awareness, self-discipline, alignment, flexibility, balance, and stress reduction.

223 Yoga Skills III (1) UC:CSU
(Dance Family D09)
Prerequisite: DANCETQ 222 with a grade of C or better.
Activity, 3 hours.
This course provides intermediate level instruction and practice in yoga technique, to supplement and enhance dance technique or other general fitness activities. Yoga focuses on the development of the body/mind through the use of specific yoga postures, breathing techniques, meditation, and relaxation, that facilitate body awareness, self-discipline, alignment, flexibility, balance, and stress reduction.

224 Yoga Skills IV (1) UC:CSU
(Dance Family D09)
Prerequisite: DANCETQ 223 with a grade of C or better.
Activity, 3 hours.
This course provides advanced level instruction and practice in yoga technique, to supplement and enhance dance technique or other general fitness activities. Yoga focuses on the development of the body/mind through the use of specific yoga postures, breathing techniques, meditation, and relaxation, that facilitate body awareness, self-discipline, alignment, flexibility, balance, and stress reduction.

225 Yoga (1) UC:CSU
(Dance Family D09)
Prerequisite: None.
Activity, 2 hours.
This course provides instruction and practice in introductory level yoga skills that facilitate body conditioning, endurance, flexibility, balance, and alignment, to supplement and enhance dance technique or other fitness activities.

231 Conditioning for Dance I (1) UC:CSU
(Dance Family D09)
Prerequisite: None.
Activity, 3 hours.
This course explores various dance conditioning practices, and provides tools for improving fitness as it applies to dance training and technique at an introductory level.

232 Conditioning for Dance II (1) UC:CSU
(Dance Family D09)
Prerequisite: DANCETQ 231 with a grade of C or better.
Activity, 3 hours.
This course explores various dance conditioning practices, and provides tools for improving fitness as it applies to dance training and technique at a beginning level.

233 Conditioning for Dance III (1) UC:CSU
(Dance Family D09)
Prerequisite: DANCETQ 232 with a grade of C or better.
Activity, 3 hours.
This course explores various dance conditioning practices, and provides tools for improving fitness as it applies to dance training and technique at an intermediate level.

234 Conditioning for Dance IV (1) UC:CSU
(Dance Family D09)
Prerequisite: DANCETQ 233 with a grade of C or better.
Activity, 3 hours.
This course explores various dance conditioning practices, and provides tools for improving fitness, strength, balance, and flexibility as applied to dance training and technique at an advanced level.

DEVELOPMENTAL COMMUNICATIONS (DEV COM)

022A-E Communications Laboratory (5) NDA
Prerequisite: None.
This course is offered on a Pass-No Pass basis only. Open entry/open exit.
Lecture, 1 hour per unit.
Developmental Communications 22a-e consists of modular, multimedia programs. In these courses students work at their own time and pace and focus on phonics, spelling, vocabulary, reading comprehension, reading rate improvement, and study skills. Students may enroll in one, two, or three units per semester.

A. Phonics and Spelling

B. General Vocabulary

C. College Vocabulary

D. Study Skills

E. Reading Improvement

023 Reading and Study Improvement (3) NDA
Prerequisite: None.
Recommended for students who score at the intermediate or advanced levels of the Reading Assessment Test.
Lecture, 3 hours.
This course teaches efficient study methods and effective learning techniques. This course stresses outlining, note taking techniques, exam strategies and time management.

035 Reading I: Fundamentals (3) NDA
Prerequisite: None.
Recommended for students who score in the appropriate range on the Reading Assessment Test.
Offered on a Pass-No Pass basis.
Lecture, 3 hours.
A basic reading class designed to improve word decoding and attack skills; increase sight, speaking and writing vocabularies; establish and/or improve reading fluidity; develop dictionary skills; and identify main and supporting ideas in reading and writing.

036A Reading II: Comprehension and Related Skills (3) NDA
Prerequisite: None.
Recommended for students who score in the appropriate range on the Reading Assessment Test.
Lecture, 3 hours.
This is an early-intermediate reading class designed to improve vocabulary, fluency and comprehension in reading; increase sight, speaking and writing vocabularies; and identify main and supporting ideas in reading with the goal of helping students acquire sufficient mastery to succeed in college courses.

36B Reading II: Comprehension and Related Skills (3) NDA
Prerequisite: None.
Lecture, 3 hours
This is an advanced-intermediate reading class designed to improve vocabulary, fluency and comprehension in reading; increase sight, speaking and writing vocabularies; and identify main and supporting ideas in reading with the goal of helping students acquire sufficient mastery to succeed in college courses.

ECONOMICS (ECON)

001 Principles of Economics I (3) UC:CSU ✪
Prerequisite: MATH 115 with a grade of C or better or placement into MATH 125 or higher. Recommended: Self-placement into ENGLISH 101 or E.S.L. 110.
Lecture, 3 hours.
This is an introductory microeconomics course designed to provide students with an understanding of the basic economic principles which govern the production, distribution, exchange, and consumption of goods and services. Some of the topics covered are: economic decision-making given scarce resources, supply and demand, market equilibrium, elasticity, production and cost theory, market structures, factor markets, and market failure. Contemporary economic problems are analyzed throughout the course. This course meets the general education Social Science requirement.

C-ID: ECON 201

002 Principles of Economics II (3) UC:CSU ✪
Prerequisite: MATH 115 with a grade of C or better or placement into MATH 125 or Higher. Recommended: Self-placement into ENGLISH 101 or E.S.L. 110.
Lecture, 3 hours.
This is a macroeconomics course which is a continuation of the introductory principles of economics. Topics considered include: national income and employment; economic fluctuations; business cycles; money, credit and banking; public financing and taxation; monetary, fiscal, and economic stabilization policies; international trade, tariffs, payments and policies; comparative economic systems; economic growth and development. Contemporary economic developments are considered throughout the course. Meets the general education Social Science requirement.

C-ID: ECON 202

008 Survey of Economics (3) UC:CSU
Prerequisite: None.
Lecture, 3 hours.
This course is a one semester broad survey of economic ideas and theories in the context of economic history (with references to major economic thinkers) suitable for Pre-Business and Non-Business majors. Starting with history and evolution of economic ideas, both microeconomic and macroeconomic topics are covered including general principles of demand and supply, production and cost, market structures, profit motive, inflation, unemployment, fiscal and monetary policy and international trade. The course is designed for students who desire to acquire a general perspective of the economy without the intensive and theoretical and quantitative analysis and policy applications of Economics 1 and 2.

A STUDENT MAY RECEIVE CREDIT FOR ECON 008, 001 AND 002 ONLY IF ECON 008 IS COMPLETED BEFORE ECON 001 AND 002.

010 Economic History of the United States (3) UC:CSU
Prerequisite: None.
Recommended: Self-placement into ENGLISH 101 or E.S.L. 110.
Lecture, 3 hours.
This course is a survey of the economic development of the United States emphasizing a topical approach rather than strict chronology. Consideration is given to European backgrounds and the rise of capitalism, the evolving and technological nature of the economy as applied to agriculture, industry, commerce, the labor movement, business cycles, principles of national and California State constitutional and local government structures, functioning and economic legislation, and other essential economic relationships. It is recommended for economics, social science, humanities, general education, and business majors. The course meets both the Social Science and American Institutions requirements for certification but is not acceptable as a substitute for Economics 1 or 2.

030 Comparative Economics Systems (3) UC:CSU
Prerequisite: None.
Lecture, 3 hours.
The course provides an examination of how different economic systems function. A major focus is on the differences between market and planned command economies, both in theory and practice. The issues surrounding transformation are considered. Case studies in the course include: the former USSR, China, Mexico, England, Sweden, Poland, Japan,and the Middle East.

040 History of Economic Thought (3) UC:CSU
Prerequisite: None.
Recommended: E.S.L. 008 or self-placement into ENGLISH 101 or E.S.L. 110.
Lecture, 3 hours.
This course studies the history and evolution of economic ideas. Prominent economists such as Adam Smith, David Ricardo and Karl Marx are studied. The course covers competing paradigms in economics, including neoclassicism, monetarism, American Institutional school, Keynesian school, and others and establishes links between the evolution of economic ideas and the economic history of Europe and the United States.

050 Principles of Financial Economics (3) UC:CSU
Prerequisite: None.
Lecture, 3 hours.
Students in this course will examine financial problems in economics. Some major topics in the class are: the history and evolution of money, the commercial banking system, the Federal Reserve System, theories of money and monetary policies, the capital markets, mortgage markets, stock and bond markets and the international and foreign exchange markets.

060 Economics and the Environment (3) UC:CSU
Prerequisite: None.
Recommended: Self-placement into ENGLISH 101 or E.S.L. 110.
Lecture, 3 hours.
This course provides an introduction to the economics of environmental issues and policies. It examines topics such as land use, energy, climate change, pollution, and the efficient use of natural resources. Special attention is paid to property rights, externalities, public goods, sustainability, and population growth as determining factors of environmental policy in reducing the costs of pollution.

EDUCATION (EDUC)

002 Introduction to Education I (1) CSU
Prerequisite: None.
Lecture, 1 hour.
This course introduces students to the various fields of educational thought and practice, general vocational orientation, and observation of the teacher at work.

203 Education in American Society (3) UC:CSU
Prerequisite: None.
Recommended: ENGLISH 101 or E.S.L. 110.
Lecture, 3 hours.
This course is designed to provide future teachers with the fundamental knowledge essential for understanding the American educational enterprise, especially issues in urban multicultural schools. Concepts and methods from the fields of sociology, philosophy, and the politics of education are used to analyze the current conditions of American schools and to evaluate selected proposals/models for reform. A minimum of 45 hours of observation of and participation in a multicultural accredited K - 12 school setting is required. The course content standards include the California Standards of Teaching Professionals (CSTP) and Teaching Performance Expectations (TPE). Additional topics include the roles of the teachers in general and special education, history and governance of schools, examination of one's beliefs about teaching, and accommodating diverse learners. The course content standards are integrated into the reflective coursework and structured 45 hours of field experience in school settings.

C-ID: EDUC 200

240 Online Pedagogy and Teaching Modalities (3)
Prerequisite: None.
Lecture, 3 hours.
Utilizing adult learning theory and research, this course focuses on how to teach online and deliver classes that lead to student success. Best practices for both online students and instructors are covered, along with discussions of relevant online and adult learning theories and associated activities. The various delivery methods of computer-mediated instruction, such as fully online courses, hybrid courses, and Web-enhanced courses are compared and contrasted. This course is relevant for any learning management system.

250 Adult Learning and Motivation (3)
Prerequisites: None.
Lecture, 3 hours.
This course is designed for participants in the LACCD District Academic Senate's Professional Development College (PDC). The course provides tools for current or future teachers or Project MATCH participants to acquire and/or better understand the process of facilitating adult learning, conditions that stimulate adult student motivation, and the methods that can enhance this process. Topics covered are adult learning theory, characteristics of effective teachers, philosophical and teaching style orientations, instructional design, classroom management, and motivational teaching methods. This course examines the andragogical model of adult learning and surveys an array of research-based and culturally-responsive teaching strategies and techniques to use in the classroom.

PROSPECTIVE ENROLLEES MUST ENROLL THOUGH THE PDC DIRECTOR AT THE LACCD PDC.

252 Curriculum Development and Instructional Design (3)
Prerequisites: None.
Lecture, 3 hours.
This course is designed for participants in the LACCD District Academic Senate's Professional Development College (PDC). The course is designed to assist students made up of current or future teachers or Project MATCH participants in developing essential skills for curriculum restructuring, planning, and implementation and responds to the question, 'What will the students learn and how will we teach it?' Three essential processes - curriculum development, assessment, and instruction - are considered with respect to relevant theory, research, and practice. This course explores various teaching techniques and instructional strategies. Field experiences designed to provide a practical application for the demonstration of theory applied to practice is an integral part of the course.

PROSPECTIVE ENROLLEES MUST ENROLL THOUGH THE PDC DIRECTOR AT THE LACCD PDC.

385 Directed Study - Education (3) CSU
Prerequisite: None.
Offered on a Pass-No Pass basis only.
Lecture, 3 hours.
This course allows students to pursue directed study in Education under the direction of a supervising instructor.

Credit limit: A maximum of 3 units per subject in Directed Study may be taken for credit.

UC CREDIT FOR INDEPENDENT STUDY/DIRECTED STUDY COURSES NUMBERED 185, 285, AND 385 IN ANY DEPARTMENT IS NOT AUTOMATIC; CREDIT IS CONTINGENT ON UC CAMPUS EVALUATION AFTER APPLICATION AND ADMISSION. THESE UNITS SHOULD NOT BE USED TOWARD CALCULATION OF THE MINIMUM 60 UNITS NEEDED FOR ADMISSION TO THE UC.

911-921-931-941 Cooperative Education - Education (1-4) CSU
Education is approved for Cooperative Work Experience Education credit. See Cooperative Education, page 102, for prerequisite, course description and credit limits.

DURING THE FALL AND SPRING SEMESTERS, STUDENTS SHALL BE ENROLLED IN AT LEAST ONE ADDITIONAL COURSE IN A U.S. REGIONALLY ACCREDITED INSTITUTION.

ELECTRONICS (ELECTRN)

002 Introduction to Electronics (3) CSU
Prerequisite: None.
Lecture, 3 hours.
EL-2 is an introductory electronics course for majors and non-majors, with emphasis on hands-on activities. In addition to exploring career opportunities in the world's largest industry, electronics, students will learn to solder, read schematic drawings, identify electronic components, and construct numerous electronic circuits and projects. This is a great introduction to the field of electronics.

004 Fundamentals of Electronics I (4) CSU
Prerequisite: MATH 115 with a grade of C or better.
Lecture, 3 hours; laboratory, 3 hours.
The EL-4 lecture provides a detailed study of direct current (DC) theory and applications. Topics include: (1) quantities and units, (2) voltage, current, and resistance, (3) Ohm's Law, energy and power, (4) series circuits, (5) parallel circuits, (6) series-parallel circuits, and (7) magnetism and electromagnetism. The EL-4 laboratory provides experience in applying electrical laws and test equipment to direct current (DC) circuits. Students will breadboard various circuits and use lab equipment such as the variable power supply to power circuits and the digital multimeter (DMM) to measure resulting currents and voltages.

006 Fundamentals of Electronics II (4) CSU
Prerequisite: ELECTRN 004 with a grade of C or better.
Lecture, 3 hours; laboratory, 3 hours.
The EI-6 lecture includes the theory and practice of alternating current principles. Topics include: (1) series and parallel resonance, (2) transformers, (3) single and polyphase voltages, (4)filters and an introduction to pulse waveforms. The EI-6 laboratory course includes the experimental study discussed in lecture. Data are gathered from series-parallel, tuned and untuned circuits, and transformers. Extensive use is made of signal generators, digital multimeters and the oscilloscope.

020 Electronic Circuits I (4) CSU
Prerequisite: ELECTRN 004 with a grade of C or better.
Lecture, 3 hours; laboratory, 3 hours.
The class reviews basic electronics and then covers theory and application of basic active semiconductor components such as diodes, transistors, FETs, and integrated circuits. The Laboratory portion includes construction and measurements related to circuits studied.

022 Electronic Circuits II (4) CSU
Prerequisite: ELECTRN 020 with a grade of C or better.
Lecture, 3 hours; laboratory, 3 hours.
This course is a continuation of Electronics 20 and the fundamentals of electronics. Students will continue to learn operational amplifier theory with integrated circuit theory and laboratory experiments. Students will study comparitor and voltage regulator theory and build and use test equipment provided in the lab.

034 Introduction to Biomedical Electronics (3) CSU
Prerequisite: None.
Lecture, 3 hours.
This course is a study of biomedical instrumentation and clinical equipment used in the health care field, emphasizing in general and critical care applications. The source of bio-electric potentials and their appearance in ECG, EEG, EMG equipment, stress testing, blood pressure, exhalation gases and heart sounds will be covered. Operating principles of transducers, amplifiers, patient monitors, fetal monitors, cardiac defibrillators/pacers and electrosurgical machines are discussed. The theory of electrical shock hazards, safety regulations (TJC, FDA and CMS), equipment's safety/maintenance inspection and hospital safety practice for patient and staff safety are emphasized.

036 Biophysical Measurements I (4) CSU
Prerequisite: ELECTRN 020 and ELECTRN 034 with grades of C or better.
Lecture, 3 hours; laboratory, 3 hours.
This lecture/laboratory course covers biomedical equipment services in hospital operating rooms and medical imaging systems. This course covers the theory of operation, circuit analysis, troubleshooting techniques, equipment calibration and medical applications for a variety of instrument and devices in surgery area and the radiology services including LASERs, sterilizers, surgical instrument's maintenance, endoscopy systems, ultrasound imaging systems, X-ray systems, MRI and CT-Scanner.

038 Biophysical Measurements II (4) CSU
Prerequisite: ELECTRN 020 and ELECTRN 034 with grades of C or better.
Lecture, 3 hours; laboratory, 3 hours.
This is the second lecture/lab course on biomedical life support equipment, respiratory care equipment, anesthesia care equipment and medical laboratory equipment. This course covers the human respiratory system, cardiovascular system, the fundamental concepts of life support systems, the theory of operation of equipment, circuit designed analysis, troubleshooting techniques, equipment maintenance, calibrating, and medical application for most of the life support equipment in the Intensive Care Units or in the Hospital Operating Rooms, and Clinical Laboratory equipment.

054 Computer Logic (4) CSU
Prerequisite: None.
Lecture, 3 hours; laboratory, 3 hours.
A lecture/lab course on digital electronics, covering topics such as: number systems and codes, logic gates, combinational logic, encoders and decoders, multiplexers and demultiplexers, multivibrators, shift registers and counters, D/A and A/D convertors, semiconductor memories, and an introduction to microprocessors. Students will construct various digital circuits and use test instruments to analyze circuit operation.

109 Computer Hardware (4) CSU
Prerequisite: None.
Lecture, 3 hours; laboratory 3 hours.
This course is designed for those who want to study and understand what is happening inside computers. This theory course covers installation and troubleshooting of hardware and software components. In addition, this course prepares you for the A+ Core Hardware Exam and A+ Operating System Technologies Exam for CompTIA A+ Certification. No experience in electronics is assumed.

113 Computer Networking (3) CSU
Prerequisite: None.
Lecture, 3 hours.
This course is designed for students who want to gain a solid understanding of a broad range of networking technologies, especially for those who wish to pursue certifications in a variety of computer networking fields, including Network+, CCNA, MCSE, Linux+. it covers networking hardware and software components. Student should have a background in basic computer concepts. No experience in electronics is assumed.

911-921-931-941 Cooperative Education - Electronics (1-4) CSU
Electronics is approved for Cooperative Work Experience Education credit. See Cooperative Education, page 102, for prerequisite, course description and credit limits.

DURING THE FALL AND SPRING SEMESTERS, STUDENTS SHALL BE ENROLLED IN AT LEAST ONE ADDITIONAL COURSE IN A U.S. REGIONALLY ACCREDITED INSTITUTION.

ENGINEERING, GENERAL (ENG GEN)

101 Introduction to Science, Engineering and Technology (2) UC:CSU
Prerequisite: None.
Lecture, 2 hours.
The course will introduce students to the many activities and rewards offered in the engineering and technical professions through the presentation of pertinent information and practical problems.

131 Statics (3) UC:CSU
Prerequisite: PHYSICS 037 with a grade of C or better.
Lecture, 3 hours.
This course will study mechanics, vector force systems and equilibrium conditions with emphasis on engineering problems involving structures, distributed forces, internal forces, and friction. Basic concepts and methods for calculating centroids and area moments of inertia for various cross sections will be presented, along with an introduction to the principle of virtual work.

151 Materials of Engineering (3) UC:CSU
Prerequisite: CHEM 101 with a grade of C or better.
Lecture, 3 hours.
This is an introductory course on the properties of materials, with applications to engineering systems. The class covers dependency of properties on internal structure, structures and properties of metals and alloys and their response to thermal and mechanical treatments, and structures and properties of non-metallic materials. The class is required of all Engineering majors.

911-921-931-941 Cooperative Education - Engineering, General (1-4) CSU
General Engineering is approved for Cooperative Work Experience Education credit. See Cooperative Education, page 102, for prerequisite, course description and credit limits.

ENGINEERING, GENERAL IS APPROVED FOR COOPERATIVE EDUCATION, WORK EXPERIENCE, AND INTERNSHIPS. SEE LISTING UNDER COOPERATIVE EDUCATION.

ENGINEERING, GENERAL TECHNOLOGY (EGT)

100 Introduction to Sustainable Construction Management (3) CSU
Prerequisite: None.
Lecture, 3 hours.
This is an introductory course in sustainable construction management, with emphasis on blue print reading, managing budgets, construction industry standards, software usage, safety regulations, use of environmentally sound materials and methods of construction. The course also reviews extensively the role of local, state, and federal government agencies, insurances and bonds within the construction industry.

103 Code and Zoning Regulations (3) CSU
Prerequisite: None.
Lecture, 3 hours.
This course is an in depth review of California Building Code, Disabled Access (ADA), as well as governing energy efficiency and sustainability regulations, known as Title 24, and State sponsored LEED program and certification. These regulations are the very basic foundation of every 'Smart' design and construction project that is energy efficient and provides a sustainable, safe and friendly environment for its occupants.

104 Cost Analysis and Estimation (3) CSU
Prerequisite: None.
Lecture, 3 hours.
This Course is an in-depth discussion of the Cost Estimation process for buildings in the construction industry with emphasis on obtaining skills to accurately measure areas, volumes and related cost including labor for various materials, interpreting construction documents and specifications, determining labor and material costs based on project location and types of contracts, applying unit cost analysis during bidding process, implementing general conditions of the contract for site mobilization and determining percentages of overhead and profit in a project.

211 Elementary Engineering Graphics (3)
Prerequisite: None.
Lecture, 1 hour; laboratory, 5 hours.
This course provides an introduction to the basic fundamentals of 2D Mechanical Drafting utilizing Autocad Computer Aided Design (CAD) software tools. The course includes a study of industry standards used for drafting mechanical engineering drawings.

212 Applied Engineering Computer Graphics I (3)
Prerequisite: EGT 211 with a grade of C or better.
Lecture, 1 hour; laboratory, 5 hours.
This course provides intermediate training in 2D mechanical detail drafting utilizing Autocad Computer Aided Drafting (CAD) software tools with emphasis on developing skills and proficiency. This course includes the practical application of industry drafting standards for drawing orthographic view projections and Geometric Dimensioning and Tolerancing techniques.

213 Introduction to AutoCAD (3)
Prerequisite: EGT 212 with a grade of C or better.
Lecture, 2 hours; laboratory, 4 hours.
This course provides advanced training in 3D mechanical parametric modeling utilizing Siemens Unigraphics Solutions (UGS) SolidEdge (CAD) software tools with emphasis on developing skills and proficiency. This course includes the practical application of a feature based parametric 3D master model concept for mechanical engineering design.

911-921-931-941 Cooperative Education - Engineering Technology, General (1-4) CSU
Engineering Technology, General is approved for Cooperative Work Experience Education credit. See Cooperative Education, page 102, for prerequisite, course description and credit limits.

DURING THE FALL AND SPRING SEMESTERS, STUDENTS SHALL BE ENROLLED IN AT LEAST ONE ADDITIONAL COURSE IN A U.S. REGIONALLY ACCREDITED INSTITUTION.

ENGINEERING GRAPHICS & DESIGN TECHNOLOGY (EGD TEK)

101 Engineering Graphics (3) CSU
Prerequisite: None.
Lecture, 2 hours. Laboratory, 2 hours.
This introductory course covers the fundamentals of technical drawing and an introduction to computer-aided design (CAD) with a focus on mechanical applications. Topics include the development of visualization and technical sketching skills in conjunction with orthographic projections; dimensioning and tolerancing practices, including an introduction to geometric dimensioning and tolerancing (GD&T); and descriptive geometry with applications to engineering. Lab work includes hand sketching and the use of two- and three-dimensional CAD systems. Students use one or more CAD software packages to draft and model various objects. The use of CAD software is an integral part of the course.

102 Engineering Graphics with Introduction to GD&T and 2D CAD (3) CSU
Prerequisite: None.
Lecture, 2 hours. Laboratory, 3 hours.
This introductory course covers the fundamentals of traditional drafting, descriptive geometry, orthographic projection, graphical communication of technical engineering information and Computer-Aided Drafting (CAD). Topics include freehand drawing, lettering, and theory of orthographic and multi-view projections as well as Coordinate dimensioning and geometric dimensioning and tolerancing (GD&T). An introduction to 2-D CAD software package is presented and instruction includes fundamental tools to be able to create and edit basic drawings by learning and understanding the User Interface of the software. Essential skills developed include creating templates, title blocks, layers, drawing basic geometric objects, using parametric tools, and dimensioning.

121 3D Computer Aided Design with Solidworks (2) CSU
Prerequisite: None.
Lecture, 1 hours. Laboratory, 2 hours.
This is an introductory course in Three-Dimensional Computer Aided Design (CAD) and solid modeling. Students learn the concept of creating parts by using features including Extrusion, Revolve, Sweep and Loft Boss, Base, and Cut. Other topics covered include creating assemblies and generating engineering drawings from the solid model or the assembly, utilizing SolidWorks 3-D software.

ENGLISH (ENGLISH)

072 English Bridge (1)
Prerequisite: None.
Offered as a Pass-No Pass basis only.
Lab, 2 hours
This course offers directed practice to English students of varying skill levels.

075 Methods for Peer Tutoring (1) NDA
Prerequisite: None.
Offered on a Pass-No Pass basis only.
Lecture, 1 hour.
Students preparing to work in a tutoring center will examine pedagogical approaches to peer tutoring and engage in active sharing of their own learning process.

101 College Reading and Composition I (3) UC:CSU ✪
Prerequisite: E.S.L. 008 with a grade of C or better or self-placement into ENGLISH 101, E.S.L. 110, or appropriate skill level demonstrated through the English placement process.
Cannot be taken for P/NP.
Lecture, 3 hours.
English 101 is required for AA and GE/transfer completion. Student placement in English 101 is determined by multiple measures of assessment. This course introduces students to academic reading and writing, critical thinking, and principles of rhetoric. Students will use their creative compositional and critical thinking skills to write college-level essays in response to academic articles.

C-ID: ENGL 100

102 College Reading and Composition II (3) UC:CSU ✪
Prerequisite: ENGLISH 101 with a grade of C or better.
Lecture, 3 hours.
This course develops reading, writing, and critical thinking skills beyond the level achieved in English 101 and requires the writing of a minimum of 10,000 words in essays and a research paper throughout the semester. It emphasizes logical reasoning, analysis, and strategies of argumentation using literature and literary criticism. Evaluations of texts reveal the multicultural/global aspects of our society, which include traditional and contemporary forms in fiction, poetry, essays, and drama.

C-ID: ENGL 120

103 Composition and Critical Thinking (3) UC:CSU ✪
Prerequisite: ENGLISH 101 with a grade of C or better.
Lecture, 3 hours.
This course is designed to help students develop critical thinking, writing, and research skills beyond the level achieved in English 101. Students will read and critically evaluate (for meaning, purpose, strategy, and style) expository and argumentative essays from a variety of sources and multi-cultural perspectives and then use these essays as rhetorical models for their own writing assignments.

C-ID: ENGL 105

105 Introduction to Language and Linguistics (3) UC:CSU
Prerequisite: None.
Lecture, 3 hours.
This course is a summary of what is known about human language: an introduction to the scientific study of language, its history and structure; language in its social and cultural setting: language, the learning tool. Students may not earn credit for both English 105 and Linguistics 1.

124 Short Story Writing I (3) UC:CSU
Prerequisite: ENGLISH 101 with a grade of C or better.
Lecture, 3 hours.
Students will develop skills in writing the traditional short story. Emphasis is on discussion of students' writing with some discussion of works of major writers. The course deals with marketing and preparing manuscripts for submission to publishers. Students may submit manuscripts to the college literary magazine.

125 Short Story Writing II (3) UC:CSU
Prerequisite: ENGLISH 124 with a grade of C or better.
Lecture, 3 hours.
This course is a continuation of English 124 with the opportunity to write longer, more complex works of experimental fiction suitable for publication.

127 Creative Writing (3) UC:CSU
Prerequisite: ENGLISH 102 with a grade of C or better.
Lecture, 3 hours.
This course is a writing workshop for students interested in writing fiction and poetry. Students will present their work to the class for criticism. The course includes lectures, demonstrations, readings with critical response,and individual conferences with instructor. The course also includes study and analysis of the works of established and peer writers through lectures, demonstrations, and individual conferences with instructor.

NOTE: UC ALLOWS A MAXIMUM OF 6 TRANSFERABLE UNITS FOR THIS COURSE.

MAXIMUM UC CREDIT IS 6 UNITS.

C-ID: ENGL 200

203 World Literature I (3) UC:CSU
Prerequisite: ENGLISH 101 with a grade of C or better.
Lecture, 3 hours.
This course surveys world literature in translation with representative selections from Asian literature, the Bible, Greek and Latin literature, and European masterpieces of the Middle Ages and Renaissance.

C-ID: ENGL 140

204 World Literature II (3) UC:CSU
Prerequisite: ENGLISH 101 with a grade of C or better.
Lecture, 3 hours.
This course surveys world literature in translation from the Renaissance to the present with selections from representative masterpieces of European Continental Literature and their colonies, i.e. French, German, Scandinavian, Russian, and Spanish; Africa; the Middle East; and Asia.

C-ID: ENGL 145

205 English Literature I (3) UC:CSU ✪
Prerequisite: ENGLISH 102 with a grade of C or better.
Lecture, 3 hours.
This course surveys British literature from the eighth through the eighteenth century, emphasizing major figures and works.

C-ID: ENGL 160

206 English Literature II (3) UC:CSU ✪
Prerequisite: ENGLISH 102 with a grade of C or better.
Lecture, 3 hours.
This course surveys major authors in British Literature from the Romantic Period to the present.

C-ID: ENGL 165

207 American Literature I (3) UC:CSU ✪
Prerequisite: ENGLISH 102 with a grade of C or better.
Lecture, 3 hours.
This course surveys American literature from 1608 to the Civil War, emphasizing major writers and works.

C-ID: ENGL 130

208 American Literature II (3) UC:CSU ✪
Prerequisite: ENGLISH 102 with a grade of C or better.
Lecture, 3 hours.
This course surveys American literature from the Civil War to the present, emphasizing major writers and works.

C-ID: ENGL 135

252 The English Bible as Literature (3) UC:CSU
Prerequisite: ENGLISH 101 with a grade of C or better.
Lecture, 3 hours.
Students will learn how to analyze and view the Bible as a literary text considering the cultural and historical implications. Students will be able to analyze and synthesize Biblical stories and narratives in light of our current cultural and literary conventions.

253 Opera as Literature (3) UC:CSU
Prerequisite: ENGLISH 101 with a grade of C or better.
Lecture, 3 hours.
Participants will analyze recognized masterpieces by Puccini, Bizet, Verdi, Stravinsky, et alia through study of each opera's literary source(s) and the way in which literary elements reappear in the musical-dramatic-visual contexts in performance.

ENGLISH AS A SECOND LANGUAGE (E.S.L. OR ESL)

003A College ESL III: Writing and Grammar (6)
Prerequisites: None.
Lecture, 6 hours.
This course is designed for students at the low-intermediate level of English language acquisition. This course provides instruction in basic and low-intermediate grammar, writing of sentences and short paragraphs, reading at a low-intermediate level, and spoken communication.

003B College ESL III: Reading and Vocabulary (3)
Prerequisites: None.
Lecture, 3 hours.
Students in this low-intermediate ESL course learn reading comprehension, critical reading, and vocabulary skills to prepare for their academic work across the curriculum. This course is designed to build academic language fluency including academic vocabulary.

003C College ESL III: Listening and Speaking (3)
Prerequisites: None.
Lecture, 3 hours.
Students at the low-intermediate ESL level learn skills to improve listening and speaking to prepare them for college work.

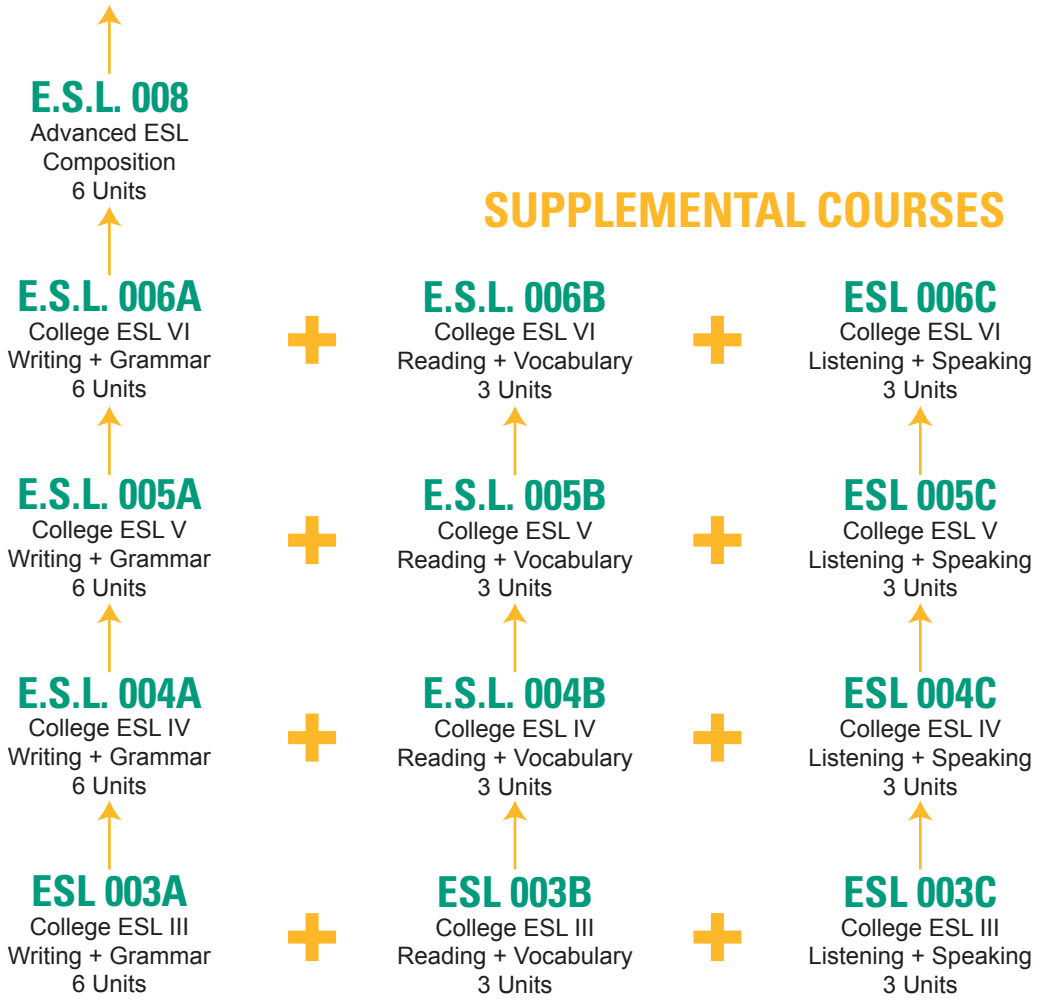
004A College ESL IV: Writing and Grammar (6)
Prerequisite: ESL NC 017CE with a grade of P, or ESL 003A with a grade of C or better, or appropriate skill level demonstrated through the ESL placement process.
Recommended: E.S.L. 004B and ESL 004C.
Lecture, 6 hours.
This course is an intermediate-level E.S.L. course. Students will develop written composition, grammar, and critical reading skills in writing paragraphs and short essays as well as grammar, reading, and verbal communication at the intermediate level.

004B College ESL IV: Reading and Vocabulary (3)
Prerequisite: None.
Lecture, 3 hours.
This course complements English as a Second Language 4A, providing intensive instruction in reading comprehension, critical reading, and vocabulary skills at an intermediate level. Emphasis is placed on identifying the stated and implied main ideas and supporting details of readings written at the intermediate level. Students continue to develop their vocabulary.

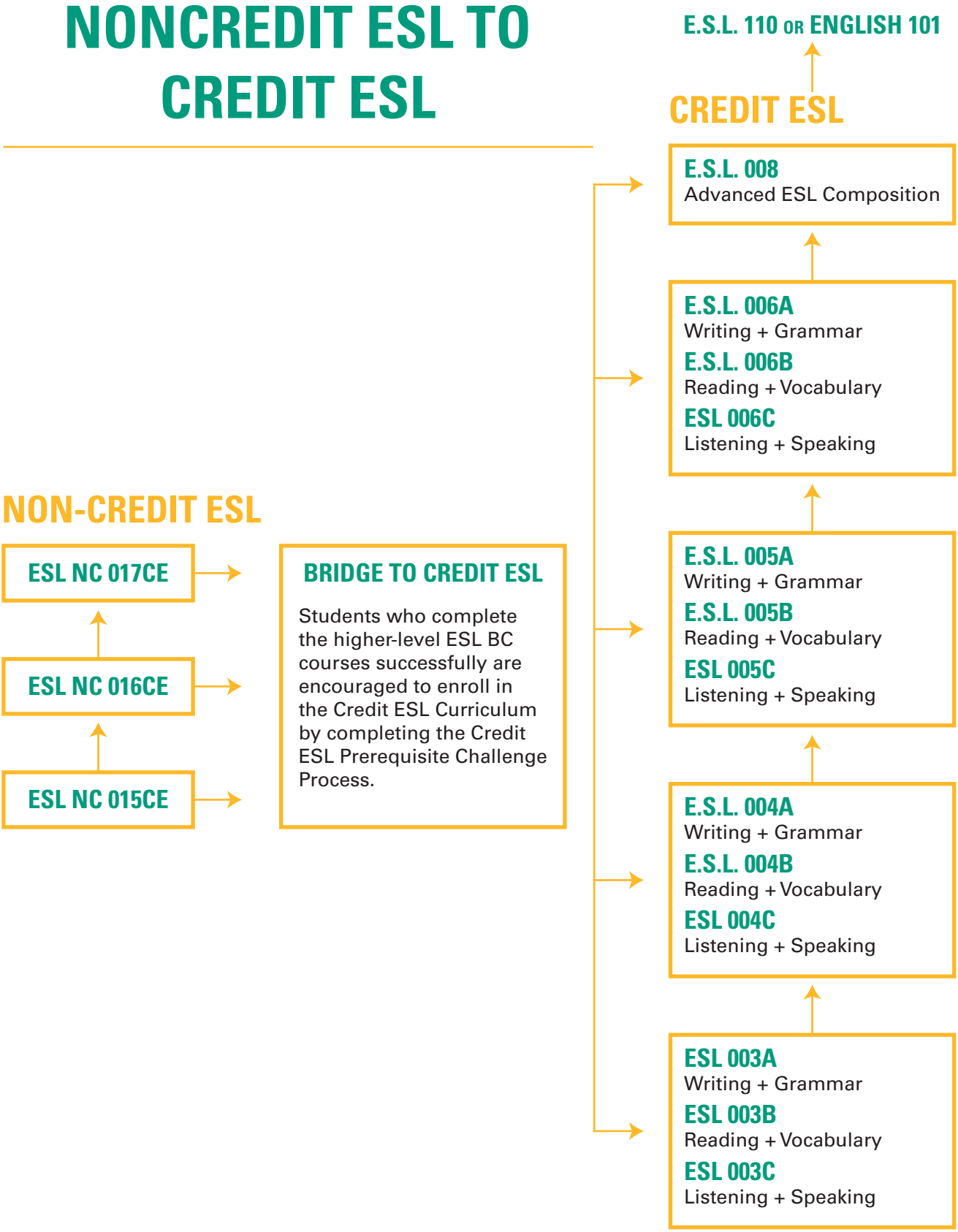
CREDIT ESL COURSES

REQUIRED COURSES

E.S.L. 110 OR ENGLISH 101



TRANSITION FROM NONCREDIT ESL TO CREDIT ESL



004C College ESL IV: Listening and Speaking (3)
Prerequisites: None.
Lecture: 3 hours.
Students in this intermediate ESL course improve their listening comprehension and oral fluency to prepare for academic work across the curriculum. Speaking practice includes level-appropriate activities such as discussions and interviews using academic vocabulary.

005A College ESL V: Writing and Grammar (6) CSU
Prerequisite: E.S.L. 004A with a grade of C or better, or appropriate skill level demonstrated through the ESL placement process.
Recommended: ESL 005B and ESL 005C.
Lecture, 6 hours.
This course is designed for students at the high-intermediate level of English language acquisition. This course provides instruction in writing essays, critical thinking, grammar, reading, and verbal communication at the high intermediate level.

005B College ESL V: Reading and Vocabulary (3) CSU
Prerequisite: None.
Lecture, 3 hours.
This course complements E.S.L. 5A and E.S.L. 5C, providing intensive instruction in reading comprehension and vocabulary development at a high intermediate level. Emphasis is placed on identifying the stated and implied main ideas and supporting details of reading selections as well as transitions and patterns of organization. Students continue to develop their vocabulary.

005C College ESL V: Listening and Speaking (3) CSU
Prerequisite: None.
Lecture, 3 hours.
Students in this high-intermediate ESL course improve their listening comprehension and oral fluency to prepare for academic work across the curriculum. Speaking practice includes level-appropriate activities such as discussions, and interviews using academic vocabulary.

006A College ESL VI: Writing and Grammar (6) UC:CSU
Prerequisite: E.S.L. 005A with a grade of C or better, or appropriate skill level demonstrated through the ESL placement process.
Recommended: E.S.L. 006B and ESL 006C.
Lecture, 6 hours.
This course is designed for students at the advanced level of English language acquisition and provides instruction in writing extended essays using a variety of rhetorical modes, critical thinking, reading at the advanced level, and verbal communication.

006B College ESL VI: Reading and Vocabulary (3) CSU
Prerequisite: None.
Lecture, 3 hours.
This course complements E.S.L. 6A and E.S.L. 6C, providing intensive instruction in reading comprehension and vocabulary development at an advanced level. Emphasis is placed on developing critical reading skills needed to understand academic texts. Students develop skills in annotating, outlining, and summarizing texts. Students acquire knowledge of more sophisticated, academic vocabulary.

006C College ESL VI: Listening and Speaking (3) CSU
Prerequisite: None.
Lecture, 3 hours.
Students in this low-advanced ESL course improve their listening comprehension and oral fluency to prepare for academic work across the curriculum. Speaking practice includes level-appropriate activities such as presentations, discussions, and debates using academic vocabulary.

008 Advanced ESL Composition (6) UC:CSU
Prerequisite: E.S.L. 006A with a grade of C or better, or appropriate skill level demonstrated through the credit ESL placement process.
Lecture, 6 hours.
This high-advanced ESL composition course leads to English 101 and provides students with practice in essay writing and advanced grammar based on analytical reading and critical thinking. Students plan, draft, revise, and edit compositions of increasing sophistication and complexity by researching various topics and synthesizing sources to support a writing topic. Readings from culturally diverse traditions provide exposure to a range of genres and a broader cultural and historical understanding of the world.

110 College Composition for Non-Native Speakers (4) UC:CSU
Prerequisite: E.S.L. 008 with a grade of C or better, or appropriate skill level demonstrated through the credit ESL placement process.
Lecture, 4 hours.
This English composition transfer-level course is designed for non-native English speakers and emphasizes preparing students for the writing and critical reading demands across the disciplines by covering academic genres representative of the college at large. Students receive instruction in expository and argumentative writing, appropriate and effective use of language, close reading, cogent thinking, and research strategies. An additional focus is integrated grammar and academic vocabulary instruction based on needs typical of second-language learners.

ENVIRONMENTAL SCIENCE (ENV SCI)

001 Introduction to Environmental Science (3) UC:CSU ✪
Prerequisite: None.
Lecture, 3 hours.
This course introduces scientific analysis of real-world challenges and issues related to physical processes in the environment. Topics include environmental systems and cycles, uneven consumption and degradation of global resources, sustainability, climate change, conventional and alternative energy sources, waste treatment, recycling, and the future of food. Practical solutions employing an interdisciplinary approach are emphasized. This course satisfies, in part, the natural science requirement for general education.

007 Introduction to Environmental Geology (3) UC:CSU
(Same as GEOLOGY 010)
Prerequisite: None.
Lecture, 3 hours.
This course examines how geologic processes and hazards influence society and the environment. The topics covered include geologic hazards such as earthquakes, volcanic eruptions, and tsunamis; mineral resources, groundwater, pollution, and current environmental and regulatory public policy. A field trip is offered for the course.

STUDENTS MAY NOT EARN CREDIT FOR BOTH ENV SCI 7 AND GEOLOGY 10.

022 Environmental Science Laboratory (2) UC:CSU ✪
Prerequisite: ENV SCI 001 with a grade of C or better or concurrent enrollment.
Lecture, 1 hour, laboratory 2 hours.
This is an introductory lab course in which students will work individually and in teams to investigate the causes and consequences of key environmental issues. Field sampling, laboratory procedures and data analysis skills are emphasized as we explore our natural world. Particular attention is paid to water, energy, consumption, food, sustainability, waste and recycling.

ENVIRONMENTAL STUDIES (ENVSTDS)

101 Introduction to Environmental Studies (3) UC:CSU
Prerequisite: None.
Recommended: E.S.L. 008 or self-placement into ENGLISH 101 or E.S.L. 110.
Lecture, 3 hours.
This course provides an interdisciplinary overview from a social science perspective of the local and global impacts of humans on the natural environment over human history. Topics include the growth and geographic expansion of human population, the transformation of earth's ecosystems by humans, exploitation of natural resources, and sustainable practices and policies. The course focuses on the critical analysis of current environmental problems and the evaluation of alternatives and solutions that contribute to a sustainable world. This course partially satisfies the Social and Behavioral Sciences requirement for General Education.

FINANCE (FINANCE)

002 Investments (3) CSU
Prerequisite: None.
Lecture, 3 hours.
This course provides an introduction to analyzing stocks and bonds, mutual funds, real estate trusts, commodities, and related investments. Functions and operations of the investment market are also studied.

008 Personal Finance and Investments (3) UC:CSU
Prerequisite: None.
Lecture, 3 hours.
This course is an introduction to the concepts and tools necessary for the responsible allocation of personal resources. Emphasis is on the significant financial decisions facing each household during its life cycle, including budgeting, record keeping, consumer purchases, credit, home ownership, insurance, investing, retirement and estate planning.

911-921-931-941 Cooperative Education - Finance (1-4) CSU
Finance is approved for Cooperative Work Experience Education credit. See Cooperative Education, page 102, for prerequisite, course description and credit limits.

DURING THE FALL AND SPRING SEMESTERS, STUDENTS SHALL BE ENROLLED IN AT LEAST ONE ADDITIONAL COURSE IN A U.S. REGIONALLY ACCREDITED INSTITUTION.

FIRE TECHNOLOGY (FIRETEK)

027 Wildland Firefighter (4) CSU
Prerequisite: None.
Lecture, 3.5 hours; Laboratory, 1 hours.
This course prepares the student for entry-level jobs in Wildland Firefighting. It combines classroom instruction with hands-on training. A certificate of recognition for completing the course is awarded.

096 Emergency Medical Technician (8) CSU
Prerequisites for the EMT program: Students must be 18 years old, no felony convictions and a current CPR certification. The CPR certification needs to be 'BLS for the Health Care Provider' from the American Heart Association or American Red Cross. Students must present the CPR card to the instructor no later than the first day of class.
Lecture, 6 hours; Laboratory, 4 hours.
This course is designed to provide a basis for gaining Emergency Medical Technician [EMT] certification. The student will be given the opportunity to develop the necessary knowledge, skills and abilities required to successfully complete the 180 hours of instruction and will then qualify them to take the National Registry EMT certification examination which certifies students as EMT's for a period of two years. Upon successful completion of the National Registry EMT certification examination, an EMT may gain employment with an ambulance service, in a hospital emergency room or work in a clinical setting as well as being a prerequisite for firefighting or paramedic careers.

201 Fire Protection Organization (3) CSU
Prerequisite: None.
Lecture, 3 hours.
This course is an introduction to the fire service and fire protection, careers in fire departments and related fields. The history of fire protection, fire loss causes, public and private protection services will be included as well as Fire department organization, fire fighting tactics, fire prevention, tools, equipment, apparatus, alarm systems and water systems. This course includes field trips.

202 Fire Prevention (3) CSU
Prerequisite: None.
Lecture, 3 hours.
This course introduces the concepts for making effective, complete and legal inspections by knowing fire prevention concepts. These concepts include history, organization, law, fire causes, procedures, techniques, enforcement and records. Hazards by occupancy, fire protection equipment, fire investigation, public education and special problems will be studied.

203 Fire Protection Equipment and Systems (3) CSU
Prerequisite: None.
Lecture, 3 hours.
This course is a study of portable fire extinguishing equipment and permanent systems such as sprinklers, CO2, dry chemical and halon. Detection and alarm systems, explosion prevention, computer protection and special hazards will be covered. The installation, testing, maintenance and fire department use of these systems will be emphasized.

204 Building Construction for Fire Protection (3) CSU
Prerequisite: None.
Lecture, 3 hours.
This course will cover the fundamentals of building construction as they relate to fire prevention and suppression and the classification of building by type of construction and use. In the course an emphasis will be placed on fire protection features.

205 Fire Behavior and Combustion (3) CSU
Prerequisite: None.
Lecture, 3 hours.
This course covers theory and fundamentals of how and why fires start, spread and are controlled; and in-depth study of fire chemistry and physics, fire characteristics of materials, extinguishing agents and fire control techniques.

185 Directed Study - Fire Technology (1) CSU
285 Directed Study - Fire Technology (2) CSU
385 Directed Study - Fire Technology (3) CSU
Prerequisite: None.
Conference, 1 hour per unit.
This class allows students to pursue Directed Study in Fire Technology on a contract basis under the direction of a supervising instructor.
Credit limit: A maximum of 3 units per subject in Directed Study may be taken for credit.

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911-921-931-941 Cooperative Education - Fire Technology (1-4) CSU
Fire Technology is approved for Cooperative Work Experience Education credit. See Cooperative Education, page 102, for prerequisite, course description and credit limits.

DURING THE FALL AND SPRING SEMESTERS, STUDENTS SHALL BE ENROLLED IN AT LEAST ONE ADDITIONAL COURSE IN A U.S. REGIONALLY ACCREDITED INSTITUTION.

FRENCH (FRENCH)

001 Elementary French I (5) UC:CSU
Prerequisite: None.
Lecture, 5 hours.
This course introduces the student to basic French grammar and vocabulary. The focus is on the development of the four language skills: listening, speaking, reading, and writing, with special emphasis and communication in cultural settings. It introduces the student to the characteristics of diverse French and Francophone cultures. This is a web-enhanced course, requiring students to access and perform online coursework.

STUDENTS MAY NOT EARN CREDIT FOR BOTH FRENCH 001 AND THE FRENCH 021/022 COMBINATION.

002 Elementary French II (5) UC:CSU
Prerequisite: FRENCH 001 or FRENCH 022 with a grade of C or better, or equivalent skill level.
Lecture, 5 hours.
This course completes the study of elementary grammar. It includes the reading of simplified texts with continued emphasis on aural and written comprehension, oral expression, and the writing of simple French. The readings consist of selections dealing with France and diverse Francophone cultures. Students will continue the study of French civilization and modern developments in the French-speaking world. This is a web-enhanced course, requiring students to access and perform online coursework.

003 Intermediate French I (5) UC:CSU ✪
Prerequisite: FRENCH 002 with a grade of C or better, or equivalent skill level.
Lecture, 5 hours.
This course provides a more intensive study of the French language, including a comprehensive review of grammar and the study of advanced grammatical concepts, idiomatic expressions and irregular structures. Emphasis is placed on developing fluency in oral expression and facility in writing. Students will read and discuss cultural and literary texts in French, and advance their knowledge of French and Francophone cultures and modern developments in the French-speaking world. This is a web-enhanced course, requiring students to access and perform online coursework.

004 Intermediate French II (5) UC:CSU ✪
Prerequisite: FRENCH 003 with a grade of C or better, or equivalent skill level.
Lecture, 5 hours.
This is the second half of Intermediate French, providing a more intensive study of the French language, including a comprehensive review of grammar and the study of advanced grammatical concepts, idiomatic expressions and irregular structures. Students will further develop their writing and communication skills in French through the study of representative French and Francophone literary and cultural texts. This is a web-enhanced course, requiring students to access and perform online coursework.

005 Advanced French I (5) UC:CSU ✪
Prerequisite: FRENCH 004 with a grade of C or better or equivalent skill level.
Lecture, 5 hours.
This course reinforces the language skills and functions presented in the intermediate French courses through an intensive review of grammatical structures and usages, a variety of written and oral activities, and exercises and tasks that promote vocabulary development and retention. Students will study a variety of literary and cultural texts of different genres and origins, with emphasis on improving oral expression, reading comprehension, and textual analysis. Students will be introduced to different types of writing (i.e. correspondence, film reviews, creative descriptions, expository writing, portraits) with an emphasis on stylistics. This course may be offered as a hybrid course. Computer skills are required for accessing and performing online activities.

006 Advanced French II (5) UC:CSU ✪
Prerequisite: FRENCH 005 with a grade of C or better or equivalent skill level.
Lecture, 5 hours.
This course reinforces the language skills and functions presented in French 4 and French 5 through an intensive review of grammatical structures and usages, a variety of written and oral activities, and exercises and tasks that promote vocabulary development and retention. Students will study a variety of literary and cultural texts of different genres and origins, with emphasis on improving oral expression, reading comprehension, and textual analysis. Students will perform different types of writing (i.e. correspondence, film reviews, creative descriptions, expository writing, portraits) with an emphasis on stylistics. This course may be offered as a hybrid course. Computer skills are required for accessing and performing online activities.

010 French Civilization (3) UC:CSU
Prerequisite: None.
(Taught in English)
Lecture, 3 hours.
This course surveys the origins, growth, and development of French civilization in its many forms, with special emphasis on modern France and Francophonie. It offers an overview of the history and geography of France and diverse Francophone countries, and of their contributions to the Western world. This is a web-enhanced course, and computer skills are necessary for accessing and performing coursework online.

021 Fundamentals of French I (3) UC:CSU
Prerequisite: None
Lecture, 3 hours.
This course covers the first half of French 1 and is designed for absolute beginners. It provides an introduction to the fundamentals of French pronunciation, grammar, vocabulary, sentence structure, and use of idiomatic expressions. It stresses the ability to understand, read, write, and speak simple French, and gives the student cultural insights into French and Francophone worlds. Basic computer knowledge is required for online activities. French 21 and 22 together are equivalent to French 1.

STUDENTS MAY NOT EARN CREDIT FOR BOTH FRENCH 001 AND FRENCH 021/022 COMBINATION.

022 Fundamentals of French II (3) UC:CSU
Prerequisite: FRENCH 021 with a grade of C or better.
Lecture, 3 hours.
This course covers the second half of French 1 and completes Elementary French I. Students continue the study of the fundamentals of French pronunciation, grammar, vocabulary, sentence structure, and idiomatic expressions. It stresses the ability to understand, read, write, and speak simple French, as well as introduces the student to cultural insights into French and Francophone worlds. Basic computer use required for online activities. French 21 and French 22 together are equivalent to French 1. This course is also recommended for those wishing to review before taking French 2.

STUDENTS MAY NOT EARN CREDIT FOR BOTH FRENCH 001 AND THE FRENCH 021/022 COMBINATION.

025 French and Francophone Short Story in Translation (3) UC:CSU

Prerequisite: None.
Recommended: E.S.L. 008 or self-placement into ENGLISH 101 or E.S.L. 110.
Lecture, 3 hours.
Students explore the art of the short story by engaging in a critical survey of short stories by writers from France and from different French-speaking regions of the world. The works studied will be grounded in the region's historical, political, and cultural production from the nineteenth century to the present time. Students learn about key literary movements and authors, demonstrate understanding of the aesthetic and cultural specificity of the works studied, and develop critical reading and writing skills.

THE COURSE IS TAUGHT IN ENGLISH.

063 Intermediate French Conversation I (2) UC:CSU

Prerequisites: FRENCH 002 with a grade of C or better.
Lecture, 2 hours.
This course helps students to improve their conversational ability in French by building on the oral communication skills acquired in Elementary French. It focuses on discussions of everyday experiences, current events, cinema, cultural readings with emphasis on vocabulary-building and the use of idiomatic expressions, along with pronunciation practice. This is a web-enhanced class, requiring students to access coursework online.

NOT RECOMMENDED FOR NATIVE SPEAKERS OF FRENCH.

064 Intermediate French Conversation II (2) UC:CSU

Prerequisites: FRENCH 003 or FRENCH 063 with a grade of C or better.
Lecture, 2 hours.
This course helps students to improve their conversational ability in French by building on the oral communication skills acquired in Intermediate French. It focuses on discussions of everyday experiences, current events, cinema, cultural readings. The emphasis is on building mid-intermediate vocabulary, practice of idiomatic expressions, and further training in pronunciation and intonation. This is a web-enhanced class, requiring students to access coursework online.

NOT RECOMMENDED FOR NATIVE SPEAKERS OF FRENCH.

066 Advanced French Conversation I (2) UC:CSU

Prerequisites: FRENCH 004 or FRENCH 064 with a grade of C or better.
Lecture, 2 hours.
In this course, students continue to improve their conversational ability in French by building on the oral communication skills acquired in Intermediate French. It focuses on discussions of everyday experiences, current events, cinema, cultural readings with emphasis on advanced vocabulary-building and the use of idiomatic expressions, along with pronunciation practice. This is a web-enhanced class, requiring students to access coursework online.

NOT RECOMMENDED FOR NATIVE SPEAKERS OF FRENCH.

185 Directed Study - French (1) CSU
285 Directed Study - French (2) CSU
385 Directed Study - French (3) CSU

Prerequisite: None.
Conference, 1 hour per unit.
This course allows students to pursue Directed Study in French on a contract basis under the direction of a supervising instructor.
Credit limit: A maximum of 3 units per subject in Directed Study may be taken for credit.

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GEOGRAPHY (GEOG)

001 Physical Geography (3) UC:CSU ✪

Prerequisite: None.
Recommended: MATH 115 or placement into a higher level of Math.
Lecture, 3 hours.
This course is a spatial study of the Earth's dynamic physical systems and processes using an Earth Systems Science approach. Topics include earth-sun relations, weather and climate, biogeography, soils, landforms, plate tectonics, weathering, mass wasting and the transformation of the earth by human activities. The basics of maps, Geographic Information Systems (GIS) and Global Positioning Systems (GPS), remote sensing, and other tools of geographic analysis are introduced.

UC CREDIT FOR EITHER GEOG 001 AND 015 OR FOR 017.

C-ID: GEOG 110

002 Cultural Elements of Geography (3) UC:CSU

Prerequisite: None.
Recommended: E.S.L. 008 or self-placement into ENGLISH 101 or E.S.L. 110.
Lecture, 3 hours.
This course is an introduction to human geography and the imprint of humans on the Earth. Topics include migration, population change, globalization, ethnic conflict, development, trade, environmental and social change, and the challenges of living in an increasingly interdependent and interconnected world.

C-ID: GEOG 120

003 Introduction to Weather and Climate (3) UC:CSU

(Same as METEOR 003)
Prerequisite: None.
Recommended: MATH 115 or placement into a higher level of Math; and E.S.L. 008 or self-placement into ENGLISH 101 or E.S.L. 110.
Lecture, 3 hours.
An introduction to weather, climate and environment employing scientific method and observation. The course examines Earth's atmosphere, processes and phenomena and their impacts on humans and the global environment. Course topics include composition of the atmosphere, weather elements and controls, atmospheric processes, global circulation, storms, air pollution, global climate patterns and climate change, and techniques and tools for weather forecasting.

C-ID: GEOG 130

009 People and the Earth's Ecosystem (3) UC:CSU

Prerequisites: None.
Lecture, 3 hours.
This course is an overview of the global environment and an examination of the diversity of life and environments that make up our world. The course examines the role of humans in environmental transformation at local, regional and global levels including habitat destruction, introduced species, extinctions and climate change. Geographical case studies are explored that examine real world environmental challenges and solutions.

014 Geography of California (3) UC:CSU

Prerequisite: None.
Recommended: Self-placement into ENGLISH 101 or E.S.L. 110.
Lecture, 3 hours.
This course surveys the physical and cultural landscapes of California with emphasis on human-environment interaction and the natural, socio-political, economic and demographic forces that have shaped the state. The course deals with the history of the state, settlement and land-use patterns, economic activities, resource use, transportation and trade, as well as California's role in the new global economy. The political, economic, environmental and demographic challenges facing the state are also discussed. Optional field trips will be offered.

OPTIONAL FIELD TRIPS WILL BE OFFERED.

C-ID: GEOG 140

015 Physical Geography Laboratory (2) UC:CSU

Prerequisite: GEOG 001 with a grade of C or better or concurrent enrollment.
Recommended: MATH 115 or placement into a higher level of Math.
Not open to students who have completed GEOG 017.
Lecture, 1 hour; laboratory, 2 hours.
This laboratory course serves as a hands-on approach to the scientific study of the physical environment and an overview of the tools of geographic analysis, including satellite imagery/ remote sensing, GIS/GPS, and map reading.

OPTIONAL FIELD TRIPS ARE PROVIDED TO ILLUSTRATE GEOGRAPHIC PRINCIPLES AND PROCESSES OF LANDFORM CHANGE.

UC CREDIT FOR EITHER GEOG 001 AND 015 OR FOR 017.

C-ID: GEOG 111

017 Physical Geography and Laboratory (5) UC:CSU ✪

Prerequisite: None.
Recommended: MATH 115 or placement into a higher level of Math.
Lecture, 4 hours; laboratory, 2 hours.
This combined lecture-laboratory course introduces physical geography as a scientific discipline focused on the Earth system and human impacts on the natural environment. Topics include earth-sun relations, weather, climate, biogeography, maps and projections, plate tectonics, weathering, mass wasting and the action of water, ice and wind on landforms. Students are provided with opportunities to use geographic tools and instruments to capture, record, analyze and map data.

FIELD TRIPS ARE OFFERED.

NOTE: STUDENTS WHO HAVE TAKEN GEOG 001 WILL NOT RECEIVE CREDIT FOR GEOG 017.

UC CREDIT FOR EITHER GEOG 001 AND 015 OR FOR 017.

C-ID: GEOG 115

025 Introduction to Geographic Information Systems and Laboratory (4) UC/CSU

Prerequisite: None.
Lecture, 2hours; laboratory, 4 hours.
This course will be an introduction to the study of Geographic Information Systems (GIS) science and its applications to spatial data management. Students will learn about the Identification and acquisition of GIS data. The following topics will be covered: vector and raster systems, scale, resolution, map projection, coordinate systems, georeferencing and Global Positioning Systems (GPS).

030 Managing Natural Resources (3) UC:CSU

Prerequisite: None.
Lecture, 3 hours.
The topic of this course is managing natural resources sustainably. It includes a search for, and critical analysis of, policies and practices that enhance rather than destroy habitats and the functioning of natural systems. Topics include urban sprawl, deforestation, environmental justice, land use issues, soils, energy resources and alternatives, as well as water quality.

045 Food and Culture (3) CSU

Prerequisite: None.
Recommended: E.S.L. 008 or self-placement into ENGLISH 101 or E.S.L. 110.
Lecture, 3 hours.
This course serves as an introduction to the geographical and cultural aspects of food, regional cuisine and global food production. Food security, food safety and the globalization of agricultural production are discussed in the context of declining soils, over-fishing and the impact of growing human populations.

OPTIONAL FIELD TRIPS ARE OFFERED.

GEOLOGY (GEOLOGY)

001 Physical Geology (3) UC:CSU

Prerequisite: None.
Lecture, 3 hours.
Physical Geology is the study of the internal and external processes which shape the earth . Topics covered include plate tectonics, volcanism, earthquakes, mountain building, geologic structures, origin of rocks and minerals, and water and energy resources. A field trip is offered for this course.

C-ID: GEOL 100

002 Earth History (3) UC:CSU

Prerequisite: None.
Recommended: GEOLOGY 001, and self-placement into ENGLISH 101 or E.S.L. 110.
Lecture, 3 hours.
Students receive an introduction to the geological history of Earth and its inhabitants, with emphasis on the evolution of life and landforms of North America. Topics include how Earth processes produce and alter landforms; climate, and energy and water resources on which humans depend; significant tectonic events such as mountain building episodes; and the evolutionary history of life on Earth, including plants, fish, dinosaurs, mammals, and humans. Multimedia presentations are used throughout the course.

FIELD TRIPS WILL BE TAKEN.

C-ID: GEOL 110

006 Physical Geology Laboratory (1) UC:CSU

Prerequisite: GEOLOGY 001 with a grade of C or better or concurrent enrollment.
Laboratory, 3 hours.
The Physical Geology Laboratory provides practical experience in identifying common rocks, minerals, landforms, geologic structures, and reading and interpreting geologic and topographic maps. Field trips to local areas of geologic interest are offered.

C-ID: GEOL 100L, GEOL 120L

007 Earth History Laboratory (1) UC:CSU

Prerequisite: GEOLOGY 002 with a grade of C or better or concurrent enrollment.
Recommended: MATH 115 or placement into a higher level of Math.
Lecture, 1 hour; laboratory, 2 hours.
This is a supplemental laboratory course for Geology 2, intended to teach the scientific methods of reasoning and to give the student an acquaintance with the fundamental principles of historical geology. Laboratory exercises will examine the history of the earth from its origin to the present as interpreted from the fossil record and radiometric dating techniques. Also included will be the evolutionary study of fossils and study of rock types and ancient landforms. This course will include methods used to determine events in Earth history and reconstruct past environmental conditions.

FIELD TRIPS WILL BE TAKEN.

C-ID: GEOL 110L

010 Introduction to Environmental Geology (3) UC:CSU

(Same as ENV SCI 007)
Prerequisite: None.
Lecture, 3 hours.
This course examines how geologic processes and hazards influence human activities and the environment. The topics covered include geologic hazards such as earthquakes, volcanic eruptions, and tsunamis; mineral resources, groundwater, pollution, and current environmental and regulatory public policy planning.

A FIELD TRIP MAY BE OFFERED FOR THE COURSE.

STUDENTS MAY NOT EARN CREDIT IN BOTH GEOLOGY 010 AND ENV SCI 007.

GERMAN (GERMAN)

001 Elementary German I (5) UC:CSU

Prerequisite: None.
Lecture, 5 hours.
This course introduces the student to basic German grammar and vocabulary. The focus is on the development of the four language skills: listening, speaking, reading, and writing, with special emphasis on communication in cultural settings. It introduces the student to the characteristics of diverse German-speaking cultures. This is a web-enhanced course, requiring students to access and perform online coursework.

002 Elementary German II (5) UC:CSU

Prerequisite: GERMAN 001 with a grade of C or better, or equivalent skill level.
Lecture, 5 hours.
This course completes the study of elementary grammar. It includes the reading of simplified texts with continued emphasis on aural and written comprehension, oral expression, and the writing of simple German. The readings consist of selections dealing with German, Swiss and Austrian contributions in the arts, sciences and literature. Students will continue the study of German civilization and modern developments in Germany. This is a web-enhanced course, requiring students to access and perform online coursework.

003 Intermediate German I (5) UC:CSU ✪

Prerequisite: GERMAN 002 with a grade of C or better, or equivalent skill level.
Lecture, 5 hours.
This course provides an introduction to everyday life in German-speaking countries through authentic cultural texts, biographical profiles, short stories, and poetry in German. The course integrates grammar review, vocabulary building, and the use of idiomatic expressions, with an emphasis on discussions in German of various topics of interest. This is a web-enhanced course requiring students to access course work online.

004 Intermediate German II (5) UC:CSU ✪

Prerequisite: GERMAN 003 with a grade of C or better, or equivalent skill level.
Lecture, 5 hours.
This is the second half of Intermediate German, providing a more intensive study of the German language, including a comprehensive review of grammar and the study of advanced grammatical concepts, idiomatic expressions and irregular structures. Students will further develop their writing and communication skills in German through the study of representative German, Austrian, and Swiss texts on culture, literature, and history. Special emphasis is given to oral discussions based on the readings. This is a web-enhanced course, requiring students to access and perform online coursework.

005 Advanced German I (5) UC:CSU ✪

Prerequisite: GERMAN 004 with a grade of C or better or equivalent skill level.
Lecture, 5 hours.
This course is structured around current affairs that emerge in contemporary society in Germany, Austria, Switzerland, Luxembourg, and Liechtenstein ranging from cultural texts, news articles, audio, and video blogs, with an emphasis on speaking and writing proficiency. This is a web-enhanced course requiring students to access coursework online.

006 Advanced German II (5) UC:CSU ✪

Prerequisite: GERMAN 005 with a grade of C or better or equivalent skill level.
Lecture, 5 hours.
This course is a continuation of German 5 (Advanced German I) and is structured around current affairs that emerge in contemporary society in Germany, Austria, Switzerland, Luxemburg, and Liechtenstein ranging from cultural texts, news articles, audio, and video blogs, with an emphasis on speaking and writing proficiency. This is a web-enhanced course requiring students to access coursework online.

010 German Civilization (3) UC:CSU

Prerequisite: None.
Lecture, 3 hours.
This course provides a study of the contribution of Germanic peoples to world civilization, especially in philosophy, music, plastic arts and sciences. Lecture and discussion in English will cover the geography, history, customs and the political profiles of the German-speaking peoples. This course is designed as a humanities course for all college students, especially for those interested in the arts, music and philosophy.

RECOMMENDED FOR GERMAN MAJORS.

063 Intermediate Conversation I (2) UC/CSU

Prerequisite: GERMAN 002 with a grade of C or better.
Lecture, 2 hours.
This course helps students to improve their conversational ability in German by building on the oral communication skills acquired in Elementary German. It focuses on discussions of everyday experiences, current events, cinema, cultural readings with emphasis on vocabulary-building and the use of idiomatic expressions, along with pronunciation practice. This is a web-enhanced class, requiring students to access coursework online.

NOT RECOMMENDED FOR NATIVE SPEAKERS OF GERMAN.

064 Intermediate Conversation II (2) UC/CSU

Prerequisite: GERMAN 003 or GERMAN 063 with a grade of C or better.
Lecture, 2 hours.
This course helps students to improve their conversational ability in German by building on the oral communication skills acquired in Intermediate German. It focuses on discussions of everyday experiences, current events, cinema, cultural readings. The emphasis is on building mid-intermediate vocabulary, practice of idiomatic expressions, and further training in pronunciation and intonation. This is a web-enhanced class, requiring students to access coursework online.

NOT RECOMMENDED FOR NATIVE SPEAKERS OF GERMAN.

066 Advanced German Conversation I (2) UC/CSU
Prerequisite: GERMAN 004 or GERMAN 064 with a grade of C or better.
Lecture, 2 hours.
In this course, students continue to improve their conversational ability in German by building on the oral communication skills acquired in Intermediate German. It focuses on discussions of everyday experiences, current events, cinema, cultural readings with emphasis on advanced vocabulary-building and the use of idiomatic expressions, along with pronunciation practice. This is a web-enhanced class, requiring students to access coursework online.

NOT RECOMMENDED FOR NATIVE SPEAKERS OF GERMAN.

185 Directed Study - German (1) CSU
285 Directed Study - German (2) CSU
385 Directed Study - German (3) CSU
Prerequisite: None.
Conference, 1 hour per unit.
This course allows students to pursue Directed Study in German on a contract basis under the direction of a supervising instructor.

CREDIT LIMIT: A MAXIMUM OF 3 UNITS PER SUBJECT IN DIRECTED STUDY MAY BE TAKEN FOR CREDIT.

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HEALTH (HEALTH)

002 Health and Fitness (3) UC:CSU
Prerequisites: None.
Lecture, 2 hours; laboratory, 2 hours.
Students examine physical, holistic, and psychological wellness, with an emphasis on disease prevention, nutrition, sexuality, reproduction, drugs, alcohol, tobacco, aging, stress management and weight control. Individual improvement using cardiovascular, flexibility, body composition and strengthening activities is emphasized in the physical fitness segment of the course.

003 Cardiopulmonary Resuscitation (1) CSU
Prerequisite: None.
Lecture and directed practice, 1 hours, 5 weeks.
This course will teach students the most current Emergency Actions Steps to follow in life-threatening situations (i.e. unresponsiveness, not breathing, choking, witnessed collapse and severe bleeding) using the most current ECC (Emergency Cardiac Care) Guidelines for basic CPR (cardiopulmonary resuscitation) and AED (automated external defibrillator) skills for the adult, child and infant.

011 Principles of Healthful Living (3) UC:CSU
(Credit given for only one of HEALTH 009, 010 or 011.)
Prerequisite: None.
Recommended for Kinesiology and Elementary Education majors.
Lecture, 3 hours.
This course will address today's health care crisis and how our society's health needs have changed over time. An emphasis will be placed on prevention strategies and lifestyle behavior change techniques. Health topics will include family health, stress management, mental health, fitness, nutrition, and weight management, drug prevention, sexuality, epidemiology, and environmental health issues.

HEBREW (HEBREW)

001 Elementary Hebrew I (5) UC:CSU
(Same as JEWISH 011)
Prerequisite: None.
Lecture, 5 hours.
This course focuses on the fundamentals of the language, the essentials of grammar, practical vocabulary, useful phrases, and the ability to read, write, and speak simple Hebrew. Emphasis is on the spoken language. Use of the language laboratory is required.

002 Elementary Hebrew II (5) UC:CSU
(Same as JEWISH 012)
Prerequisite: HEBREW 001 or JEWISH 011 with a grade of C or better.
Lecture, 5 hours.
This course continues the presentation of grammatical forms, provides additional training in oral and written composition, and reading. Use of the language laboratory is required.

010 Hebrew Civilization II (3) UC:CSU
(Same as JEWISH 010)
Prerequisite: None.
(Taught in English)
Lecture, 3 hours.
This course studies specific problems and trends in the Jewish Heritage during the European and Modern Periods, Mysticism, Hasidism, Haskalah, Emancipation, Religious Movements, Zionism, the Holocaust and the state of Israel; educational, moral, and theological issues; Diaspora Jewry and non-Jewish relations; Ashkenazim and Sepharadim; the thought and manners of the time in an historical context.

185 Directed Study - Hebrew (1) CSU
285 Directed Study - Hebrew (2) CSU
385 Directed Study - Hebrew (3) CSU
Prerequisite: None.
Conference, 1 hour per unit.
This course allows students to pursue Directed Study in Hebrew on a contract basis under the direction of a supervising instructor.

CREDIT LIMIT: A MAXIMUM OF 3 UNITS PER SUBJECT IN DIRECTED STUDY MAY BE TAKEN FOR CREDIT.

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HISTORY (HISTORY)

NOTE: STATE LAW IMPOSES ON ALL CALIFORNIA STATE UNIVERSITIES CERTAIN GRADUATION REQUIREMENTS IN THE AREAS OF U.S. HISTORY, U.S. CONSTITUTION, AND STATE AND LOCAL GOVERNMENT. COURSES MEETING THESE REQUIREMENTS FOR THE STATE UNIVERSITIES ARE LISTED IN THE TRANSFER REQUIREMENTS SECTIONS OF THE COLLEGE CATALOG.

001 Introduction to Western Civilization I (3) UC:CSU ✪
Prerequisite: None.
Recommended: Self-placement into ENGLISH 101 or E.S.L. 110.
Lecture, 3 hours.
This course is a panoramic survey which traces the development of a distinctive European culture from its roots in the hunting societies of prehistoric human through the increasingly elaborate worlds of the Sumerians, the Egyptian pharaohs, and the Biblical peoples of the Middle East; the philosophers, artists and warriors of classical Greece and Rome; the world of saints and heretics, knights and peasants, philosophers and kings; and ends with the Renaissance and Reformation. This course emphasizes the significance of this historical background to contemporary American culture.

C-ID: HIST 170

002 Introduction to Western Civilization II (3) UC:CSU ✪
Prerequisite: None.
Recommended: Self-placement into ENGLISH 101 or E.S.L. 110.
Lecture, 3 hours.
This course is a continuation of History 1. It traces the growth of Modern Europe, its 500-year domination of world history and the decline of its world supremacy in the 20th century. Includes the life and times of Elizabeth I of England and Peter the Great of Russia; of the philosophers and revolutionaries of the 18th century; of the socialists and scientists of the 19th century; and of the dictators and reformers of the 20th century. This course emphasizes the influence of Western Civilization on American culture.

C-ID: HIST 180

005 History of the Americas I (3) UC:CSU✪
Prerequisite: None.
Recommended: Self-placement into ENGLISH 101 or E.S.L. 110.
Lecture, 3 hours.
History of the Americas from the European intrusion on the native cultures through the development of the colonial life patterns to the achievements of independence of Latin America and the United States. Emphasis is placed on development and structure of the United States Constitution. This course fulfills the graduation requirement in U.S. History and the U.S. Constitution.

006 History of the Americas II (3) UC:CSU
Prerequisite: None.
Recommended: Self-placement into ENGLISH 101 or E.S.L. 110.
Lecture, 3 hours.
The course covers the history of the Americas from the Latin American wars of independence to the present, stressing Latin American development, inter-American relations and constitutional patterns. Emphasis is placed on California constitutional and political processes in relation to the U.S. Constitution.

007 The World's Great Religions (3) UC:CSU ✪
Prerequisite: None.
Lecture, 3 hours.
This course explores the historical development of the world's major religions. A study is made of the origins and growth of major religions with an emphasis on the nature of religion, and religion as a discipline of study.

MAXIMUM UC CREDIT FOR ANY COMBINATION OF HISTORY 007, 047, OR 048, IS TWO COURSES.

011 Political and Social History of the United States to 1877 (3) UC:CSU✪
Prerequisite: None.
Recommended: Self-placement into ENGLISH 101 or E.S.L. 110.
Lecture, 3 hours.
A survey of the development of the United States from its discovery, placing emphasis upon the Colonial Experience, the American Revolution, the Constitution and the new government, the Civil War and Reconstruction. This course fulfills the state graduation requirement in U.S. History and the Constitution.

MAXIMUM UC CREDIT FOR ANY COMBINATION OF HISTORY 11, 17, OR 32 COMBINED IS ONE COURSE.

C-ID: HIST 130

012 Political and Social History of the United States from 1865 (3) UC:CSU ✪
Prerequisite: None.
Recommended: Self-placement into ENGLISH 101 or E.S.L. 110.
Lecture, 3 hours.
A survey of the development of the United States from the Reconstruction period to the present, placing emphasis upon the emergence of modern industrial America and upon the relationship between the nation and the world. This course fulfills the state graduation requirement in US History and California state and local government.

MAXIMUM UC CREDIT FOR HISTORY 12 AND 13 IS ONE COURSE.

C-ID: HIST 140

020 History of California and the Pacific Coast (3) UC:CSU
Prerequisite: None.
Recommended: Self-placement into ENGLISH 101 or E.S.L. 110.
Lecture, 3 hours.
History of California and the Pacific Coast from 1542 to the present with emphasis on Native, Spanish, and American cultures; political, economic and social developments; and California's constitution, history and role in the American system. This course fulfills the state graduation requirement in state and local government.

086 Introduction to World Civilization I (3) UC:CSU
Prerequisite: None.
Recommended: Self-placement into ENGLISH 101 or E.S.L. 110.
Lecture, 3 hours.
This course traces the development and relationships of major world civilizations, their traditions and contributions from earliest times to the era of European expansion in the sixteenth century.

C-ID: HIST 150

185 Directed Study - History (1) CSU
Prerequisite: None.
Lecture, 1 hour.
This course allows students to pursue Directed Study in History on a contract basis under the direction of a supervising instructor.

285 Directed Study - History (2) CSU
Prerequisite: None.
Lecture, 2 hours.
This course allows students to pursue Directed Study in History on a contract basis under the direction of a supervising instructor.

385 Directed Study - History (3) CSU
Prerequisite: None.
Lecture, 3 hours.
This course allows students to pursue Directed Study in History on a contract basis under the direction of a supervising instructor.

HUMANITIES (HUMAN)

001 Cultural Patterns of Western Civilization (3) UC:CSU ✪
Prerequisite: None.
Recommended: Self-placement into ENGLISH 101 or E.S.L. 110.
Lecture, 3 hours.
This course is an introduction to the general concepts of Humanities. Mythology, music, history, philosophy, painting, drama, sculpture and architecture are studied and compared in relation to their background, medium, organization and style. The course surveys in depth the classical heritage of Greece and Rome. Emphasis is placed upon the awareness of cultural heritage, values and perspectives as revealed in the arts.

002 Studies in Selected Cultures (3) UC:CSU
Prerequisite: None.
Recommended: Self-placement into ENGLISH 101 or E.S.L. 110.
Lecture, 3 hours.
A study in some depth of a particular period or tradition, such as Imperial China, the Middle Ages, Renaissance, Victorian England, the Age of Reason and others. Historical background, key personalities, contribution and significance within the various arts and sciences are emphasized.

003 The Arts of Contemporary Society (3) UC:CSU
Prerequisite: None.
Recommended: Self-placement into ENGLISH 101 or E.S.L. 110.
Lecture, 3 hours.
A cultural survey which includes a study of the literature, philosophy, music, painting, architecture and sculpture of the 18th, 19th and early 20th centuries in western Europe and North America, in terms of the ideas and basic needs which stimulated the artists and thinkers and the contributions of their work toward the development of contemporary society.

006 Great People, Great Ages (3) UC:CSU
Prerequisite: None.
Recommended: Self-placement into ENGLISH 101 or E.S.L. 110.
Lecture, 3 hours.
This course includes a cultural survey of the lives and contributions of selected individuals such as St. Augustine, Martin Luther, Louis XIV and others whose impact helped shape the eras in which they lived. The course will explore both the lives and eras with an appreciation of both their historical importance and their individual contributions to our cultural heritage.

HUMAN 006 IS REPEATABLE BUT MAXIMUM UC CREDIT IS 3 UNITS.

008 Great Women in the Humanities (3) UC:CSU
Prerequisite: None.
Recommended: Self-placement into ENGLISH 101 or E.S.L. 110.
Lecture, 3 hours.
This class is a cultural survey of the lives and contributions of selected individuals such as Hatshepsut, Elizabeth I, Madame Curie, Virginia Woolf and others whose impact helped to shape the eras in which they lived. This course will explore both the lives and eras with an appreciation of both their historical importance and their individual contributions to our cultural heritage.

HUMAN 008 IS REPEATABLE BUT MAXIMUM UC CREDIT IS 3 UNITS.

030 The Beginnings of Western Civilization (3) UC:CSU ✪
Prerequisite: None.
Recommended: Self-placement into ENGLISH 101 or E.S.L. 110.
Lecture, 3 hours.
This course is a survey of man's cultural heritage from prehistoric times to the early civilizations of Sumeria, Babylonia, Assyria and Egypt. Emphasis is placed on the arts, literature, religion, cultural traditions and contributions made by these civilizations to man's historical and cultural heritage.

INTERNATIONAL BUSINESS (INTBUS)

001 International Trade (3) CSU
Prerequisite: None.
Lecture, 3 hours.
This introductory course in the field of foreign commerce deals with the relationship of foreign trade to domestic trade. The course surveys the operation of an import and export business, including organization, marking, terminology, documents, financial procedures, credits and collection and communications. The basic principles and practices of world trade are studied.

ITALIAN (ITALIAN)

001 Elementary Italian I (5) UC:CSU
Prerequisite: None.
Lecture, 5 hours.
This course introduces the student to basic Italian grammar and vocabulary. The focus is on the development of the four language skills: listening, speaking, reading, and writing, with special emphasis on communication in cultural settings. It introduces the student to basic traits of Italian geography, customs, and culture. This is a web-enhanced course requiring students to perform online coursework.

002 Elementary Italian II (5) UC:CSU
Prerequisite: ITALIAN 001 with grade of C or better, or equivalent skill level.
Lecture, 5 hours.
This course completes the study of elementary grammar. It includes the reading of simplified texts with continued emphasis on aural and written comprehension, oral expression, and the writing of simple Italian. Students will continue the study of Italian civilization and modern developments in Italy. This is a web-enhanced course, requiring students to access and perform online coursework.

003 Intermediate Italian I (5) UC:CSU ✪
Prerequisite: ITALIAN 002 with grade of C or better, or equivalent skill level.
Lecture, 5 hours.
This course provides a more intensive study of the Italian language, including a comprehensive review of grammar and the study of advanced grammatical concepts, idiomatic construction and expressions. Emphasis is placed on developing fluency in oral expression and facility in writing. Oral discussions and conversation are based on selected readings from contemporary Italian writing. This is a web-enhanced course, requiring students to access and perform online coursework.

004 Intermediate Italian II (5) UC:CSU ✪
Prerequisite: ITALIAN 003 with grade of C or better or equivalent skill level.
Lecture, 5 hours.
This is the second half of Intermediate Italian, providing a more intensive study of the Italian language, including a comprehensive review of grammar and the study of advanced grammatical concepts, idiomatic expressions and irregular structures. Students will further develop their writing and communication skills in Italian through the study of representative Italian literary and cultural texts.

005 Advanced Italian I (5) UC:CSU ✪
Prerequisite: ITALIAN 004 with a grade of C or better or equivalent skill level.
Lecture, 5 hours.
This course introduces the student to some of the major literary movements in Italy, with readings in prose, poetry, and drama from representative authors of Italian literature. It continues the study of grammar, with emphasis on improving oral expression, comprehension, reading and textual analysis, and composition. It stresses oral and written reports and discussions within the context of Italian literature and civilization. Computer skills are required for accessing and performing online activities.

185 Directed Study - Italian (1) CSU
285 Directed Study - Italian (2) CSU
385 Directed Study - Italian (3) CSU
Prerequisite: None.
Conference, 1 hour per unit.
This course allows students to pursue Directed Study in Italian on a contract basis under the direction of a supervising instructor.

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JEWISH STUDIES (JEWISH)

(For Jewish Studies see also Hebrew)

001 The Jew in America (3) UC:CSU
Prerequisite: None.
Lecture, 3 hours.
This course is a historical analysis of the Jews in the United States which discusses the essentially social and psychological problems of Jewish group identity. Much of the course concerns itself with the contemporary scene; the Jewish religious minority in America and its revival, the reasons for it, and the extent to which it expresses religious and spiritual impulses as well as social needs. The contribution of the successive waves of Jewish immigration to this country and western civilization in general is evaluated.

002 The Jewish Religious Heritage (3) UC:CSU
Prerequisite: None.
Lecture, 3 hours.
This course comprises of an exploration of the major teachings of Judaism. A brief historical background dealing with the development of Judaism is related to an exposition of its central affirmations. The goal is to familiarize the student with what the Jewish religious tradition regards to be its essential genius and also to provide an opportunity for an appreciation of the similarities and differences between Judaism and the other major religious groups of American culture. Among the topics to be discussed are the following: (A) The shape of faith: God, man, rites of passage, Jewish festivals, community; (B) The dynamics of faith: religious commitment and social problems, contemporary values, the present state of Jewish belief.

004 Israel: The Theory and Practice of Zionism (3) UC:CSU
Prerequisite: None.
Lecture, 3 hours.
This course consists of a general survey of the historical development of the area with an emphasis upon the social and political development of the state of Israel. The social and political institutions of the state of Israel will be analyzed along with a general study of the geographic, economic, ethnic and religious composition of the land of Israel. A general study will be made of the ideological and historical background of the Zionist movement as well as a general survey of the origins of the Palestinian national movement.

010 Hebrew Civilization II (3) UC:CSU
(Same as HEBREW 010)
Prerequisite: None.
Lecture, 3 hours.
This course studies specific problems and trends in the Jewish Heritage during the European and Modern Periods, Mysticism, Hasidism, Haskalah, Emancipation, Religious Movements, Zionism, the Holocaust and the state of Israel; educational, moral, and theological issues; Diaspora Jewry and non-Jewish relations; Ashkenazim and Sepharadim; the thought and manners of the time in an historical context.

011 Elementary Hebrew I (5) UC:CSU
(Same as HEBREW 001)
Prerequisite: None.
Lecture, 5 hours.
This course focuses on the fundamentals of the language, the essentials of grammar, practical vocabulary, useful phrases, and the ability to read, write, and speak simple Hebrew. Emphasis is on the spoken language. Use of the language laboratory is required.

012 Elementary Hebrew II (5) UC:CSU
(Same as HEBREW 002)
Prerequisite: JEWISH 011 or HEBREW 001 with a grade of C or better.
Lecture, 5 hours.
This course continues the presentation of grammatical forms, provides additional training in oral and written composition, and reading. Use of the language laboratory is required.

025 The History of the Jewish People (3) UC:CSU
Prerequisite: None.
Lecture, 3 hours.
Traces the development of the Jews from their origins in Mesopotamia to the present day. It follows and describes the experiences of the Jewish people in all parts of the world. It analyzes their outlook and philosophy, their habits and customs, their values and ideals.

027 Holocaust: A Prototype of Genocide (3) UC:CSU
Prerequisite: None.
Lecture, 3 hours.
The course describes pre-World War II Europe, emphasizes the nature of Hitler's Nazi movement in Germany, reviews the war years and program of genocide against the Jewish people of Nazi-occupied Europe, and considers reasons for the Holocaust roles of perpetrators and victims, and results.

035 Judaism, Christianity and Islam (3) UC:CSU
(Same as PHILOS 035)
Prerequisite: None.
Lecture, 3 hours.
This course is a scholarly study of religion. It examines western religions philosophically as a means of overcoming the destructive exchanges that frequently accompany religious discussion. The course investigates the issues of religious belief, the existence and nature of God, free will, evil, and disembodied existence.

JOURNALISM (JOURNAL)

043 Public Relations Techniques (3) CSU
Prerequisite: None.
Recommended: Self-placement into ENGLISH 101 or E.S.L. 110.
Lecture, 3 hours.
This course introduces the student to the types of written products generated by public relations professionals. This course will improve the student's writing skills while paying close attention to the various public relations formats such as press releases, media advisories, crisis plans, press kits in addition to other widely used public relations tools while adhering to the ethical guidelines set by the Public Relations Society of America. The students are given the opportunity to work with an on-campus newspaper and online publication to implement a public-relation plans.

C-ID: JOUR 150

101 Collecting and Writing News (3) CSU
Prerequisite: None.
Required of all newspaper and photo-journalism majors. JOURNAL 101 or 106 required of all magazine journalism majors.
Lecture, 3 hours.
This course is an introduction to news gathering and writing. Students will receive practice in rapid organization and in concise, accurate and effective writing. This introductory course stresses instruction in the gathering of information and in its presentation. Extensive writing experience is emphasized. Critical evaluation of news reporting includes instruction and practice in the avoidance of faulty interpretation of facts, in the critical presentation of information and in the recognition of propaganda appeals and libel. Newspaper, radio and television news are surveyed. Adherence to writing style and standards of the profession are emphasized. Students will focus on deadline writing various news and other types of stories.

C-ID JOUR 110

105 Mass Communications(3) UC:CSU✪
Prerequisite: None.
Lecture, 3 hours.
This introductory course examines the major aspects of the electronic and print media. Students will survey newspapers, magazines, film, radio and television. New media such as the world wide web will also be discussed. A historical perspective is taken showing the chronological development of each of these media. Their sociological and psychological impact on society at different periods of time from their origin to the present also is analyzed.

C-ID JOUR 100

106 Grammar and Communication (3) CSU
Prerequisite: None.
Required of all newspaper journalism majors. JOURNAL 101 or 106 required of all magazine journalism majors.
Lecture, 3 hours.
This course provides thorough instruction in grammar, punctuation, capitalization and word usage. It concentrates on critical analysis and application of the interaction and relationship of words, phrases and clauses in the correct and effective expression and transference of thoughts in written English. An emphasis on sentence structure and copy editing techniques is stressed.

108 Article Writing (3) CSU
Prerequisite: None.
Required of all magazine journalism majors.
Lecture, 3 hours.
This is a course for journalism majors, freelance writers and anyone who wants to learn to write articles for media. Emphasis is placed on writing articles features, editorials, or reviews suitable for publication. Students also receive practice in editing and the use of illustrations.

202 Advanced Newswriting (3) CSU
Prerequisite: JOURNAL 101 with grade of C or better.
Required of all newspaper journalism majors.
Lecture, 3 hours.
This course provides the student with advanced principles and practice in writing specialized types of newspaper stories and increases the mastery of fundamental reporting techniques. Interpretive writing skills, editorial writing and feature writing techniques are included.

218-1 Practical Editing I (3) CSU
Prerequisite: JOURNAL 202 with a grade of C or better.
Required of all newspaper journalism majors.
Lecture, 1 hour; Laboratory, 6 hours.
Students receive practical instruction and practice in producing the campus newspaper, The Valley Star. Students write weekly assignments for the print edition of The Valley Star and write daily news stories for the online campus newspaper: thevalleystar.com Editions are critiqued and evaluated in regularly scheduled class meetings.

C-ID JOUR 130

218-2 Practical Editing II (3) CSU
Prerequisite: JOURNAL 218-1 with a grade of C or better.
Lecture, 1 hour; laboratory, 6 hours.
Students learn intermediate news editing and focus on eliminating errors in spelling, grammar and style, while producing the campus newspaper, The Valley Star. Students produce weekly assignments for publication and daily assignments for the online publication: thevalleystar.com. Students will practice newsroom management and strive to make the newspaper error free. Print editions are evaluated and critiqued following publication. The online publication is evaluated and critiqued daily.

C-ID JOUR 131

218-3 Practical Editing III (3) CSU
Prerequisite: JOURNAL 218-2 with a grade of C or better.
Lecture, 1 hour; laboratory, 6 hours.
In this course, students practice advanced news editing skills through the publication of the campus newspaper, The Valley Star, its website: thevalleystarnes.com, and family of social media. Students edit reporter work for grammar, punctuation, clarity and Associated Press Style. Student editors craft headlines and cutlines, and also practice editing skills across other platforms, including broadcast and the web. Editors learn front page design software, and focus on copy flow and newsroom organization. Published work is critiqued in regularly scheduled class meetings.

218-4 Practical Editing IV (3) CSU
Prerequisite: JOURNAL 218-3 with a grade of C or better.
Lecture, 1 hour; laboratory, 6 hours.
Students learn professional-level newspaper writing and copy editing through the publication of the campus newspaper, The Valley Star, its website: thevalleystarnews.com, and family of social media. Students develop news management skills essential to the demands of evolving media. Editors master Associated Press Style and learn newsroom techniques to improve broadcast, online, multimedia and social media content. Editors review and critique all content in regularly scheduled class meetings.

220 Magazine Production (3) CSU
Prerequisite: JOURNAL 101 or 108 with a grade of C or better.
Required of all magazine journalism majors.
Lecture, 2 hours; laboratory, 3 hours.
Students receive practical instruction and practice for writing and producing the campus magazine 'The Crown'. Magazine design and layout technique are stressed. Writing and editing of copy, page design, preparing photographs, illustrations and other materials for publishing are practiced.

385 Directed Study - Journalism (3) CSU
Prerequisite: None.
Conference, 1 hour per unit.
This course allows students to pursue Directed Study in Journalism on a contract basis under the direction of a supervising instructor.

CREDIT LIMIT: A MAXIMUM OF 3 UNITS PER SUBJECT IN DIRECTED STUDY MAY BE TAKEN FOR CREDIT.

UC CREDIT FOR INDEPENDENT STUDY/DIRECTED STUDY COURSES NUMBERED 185, 285, AND 385 IN ANY DEPARTMENT IS NOT AUTOMATIC; CREDIT IS CONTINGENT ON UC CAMPUS EVALUATION AFTER APPLICATION AND ADMISSION. THESE UNITS SHOULD NOT BE USED TOWARD CALCULATION OF THE MINIMUM 60 UNITS NEEDED FOR ADMISSION TO THE UC.

911-921-931-941 Cooperative Education - Journalism (1-4) CSU
Journalism is approved for Cooperative Work Experience Education credit. See Cooperative Education, page 102, for prerequisite, course description and credit limits.

DURING THE FALL AND SPRING SEMESTERS, STUDENTS SHALL BE ENROLLED IN AT LEAST ONE ADDITIONAL COURSE IN A U.S. REGIONALLY ACCREDITED INSTITUTION.

KINESIOLOGY (KIN)

Some courses in Kinesiology are part of the Kinesiology Family groups and have enrollment limitations. The code appears under the course title. See pages 203-204 for more information. Qualified disabled students possessing the required talents, skills and health conditions are allowed and encouraged to participate in all physical education activities.

008 Special Studies in Kinesiology Skills (1) UC:CSU
(Kinesiology Family K05)
Prerequisite: None.
Activity, 2 hours.
This course allows the student to pursue directed study in kinesiology on a contract basis under the supervising instructor.

009 Kinesiology - Combined Skills (1) UC:CSU
(Kinesiology Family K05)
Prerequisite: None.
Activity, 2 hours.
This course is designed for the individual interested in using a variety of combined fitness activities to achieve their personal fitness goals. Includes lecture on nutrition, exercise physiology concepts, and participation in a workout designed to improve cardiovascular conditioning, increase muscle strength/endurance, flexibility and improve body composition.

045 Adapted Fitness (1) UC:CSU
(Kinesiology Family K02)
Prerequisite: None.
Activity, 3 hours.
This course is designed to meet the needs of students with disabilities requiring restricted or modified activities. Individualized exercise programs will be performed by students with instruction covering the basic elements of physical fitness and training principles. Students with disabilities must provide a physicians prescription for exercises.

046 Adapted Strength Training (1) UC:CSU
(Kinesiology Family K02)
Prerequisite: None.
Activity, 3 hours.
This course is designed to meet the needs of students with disabilities who require restricted or modified activities. Individualized exercise programs will be performed by students with instructional emphasis placed on strength training principles and techniques. Students with disabilities must provide a physicians prescription for exercises.

047 Adapted Swimming and Hydroexercise (1) UC:CSU
(Kinesiology Family K03)
Prerequisite: None.
Activity, 3 hours.
This course is designed to meet the needs of students with disabilities requiring restricted or modified activities. Individualized exercise programs focus on basic swimming and water safety skills. Hydroexercise programs emphasize physical fitness, buoyancy, and hydrodynamic resistance principles.

049 Adapted Cardiovascular Fitness (1) UC:CSU
(Kinesiology Family K02)
Prerequisite: None.
Activity, 3 hours.
This course is designed to meet the needs of students with disabilities who can benefit from individualized cardiovascular endurance training. Development of cardiovascular endurance through the use of bicycle ergometers, treadmills, hand cranks, will be the major class focus. Students with disabilities must provide physician prescription for exercises.

050 Adapted Exercise for Back Disorders (1) UC:CSU
(Kinesiology Family K02)
Prerequisite: None.
Activity, 3 hours.
This course is designed to meet the needs of students with disabilities with back and/or neck problems who can benefit from an individualized exercise program. Instruction and practice will be given in individualized exercise, including stretching, resistive exercise, and cardiovascular fitness. Students with disabilities need a medical prescription for exercises from physician.

205 Water Polo Skills (1) UC:CSU
(Kinesiology Family K01)
Prerequisites: None.
Activity, 2 hours.
Students learn ball handling, game strategy, shooting, defense, offense, counter attack, and game management. Instruction includes progressive skills attainment.

237-1 Boot Camp (1) UC:CSU
Prerequisites: None.
Activity, 2 hours.
This course is designed as a lower intensity style boot camp class that is conducted both on and off campus using indoor and outdoor facilities. Training exercises used during this class include basic aerobic and anaerobic conditioning, muscular strength, resistance and endurance training, and also individual and team concepts. In addition, students are challenged to understand and apply basic fitness principles, basic anatomy and physiology, the prevention of training injuries, target heart rate and the intensity of exercise as well as nutrition for fitness. The students train individually, with a partner or in a team setting.

251 Yoga Skills (1) UC:CSU
(Kinesiology Family K08)
Prerequisite: None.
Activity, 2 hours.
This is an introductory course to yoga, with a focus on the five components of fitness. Yoga promotes mental, physical, and spiritual fitness. There are brief lectures covering basic information on hypertension, exercise precautions, body composition, health style, flexibility, nutrition, nutrition supplements, water, physical fitness, nutrition myths, ethics and morality, and stress management.

286 Baseball Skills (1) UC:CSU
(Kinesiology Family K09)
Prerequisite: None.
Activity, 2 hours.
This is a baseball skills course. Skills taught in the class will be throwing, fielding, hitting, base running, and baseball strategy.

287-1 Basketball Skills I (1) UC:CSU
(Kinesiology Family K09)
Prerequisites: None.
Activity, 2 hours.
This course is designed to teach the basic basketball skills of passing, dribbling, shooting, and rebounding at the beginning level. The course will introduce individual and team offense and defense, as well as the rules, proper etiquette, terminology, and the five components of fitness.

287-2 Basketball Skills II (1) UC:CSU
(Kinesiology Family K09)
Prerequisites: KIN 287-1 with a grade of C or better.
Activity, 2 hours.
This course will include students practicing the fundamental skills of basketball (dribbling, shooting, and passing) at an intermediate level and improve their ability to perform these skills under game conditions. Students will learn how to be a contributing team member on offense by setting screens, playing various team defenses, and running a half-court offense.

300-1 Swimming Non-Swimmer I (1) UC:CSU
(Kinesiology Family K03)
Prerequisite: None.
Activity, 3 hours.
This course introduces students to basic aquatic skills, such as floating, kicking and swimming the crawl and backstroke, as well as, the basics water safety, to assure confidence and mobility in basic aquatic activities and the development of confidence in deep water.

301-1 Swimming Skills I (1) UC:CSU
(Kinesiology Family K03)
Prerequisite: None.
Activity, 3 hours.
This is an introductory swimming course where students will learn and practice the freestyle and back strokes. Upon completion of this course the students will be able to perform the basic introductory strokes, know the rules that govern different strokes, and understand strategies to prevent injury when swimming.

301-2 Swimming Skills II (1) UC:CSU
(Kinesiology Family K03)
Prerequisite: KIN 301-1 with a grade of C or better.
Activity, 3 hours.
This is a beginning swimming course where students will further develop their introductory strokes of freestyle and backstroke along with breaststroke and butterfly. Drills will be used to develop comfort in the water with buoyancy skills, streamlining off the wall, kicking and pulling drills, breathing patterns, flip turns and dives. Safety guidelines, efficiency and further endurance and nutrition components will be developed based on the individual's goals.

301-3 Swimming Skills III (1) CSU
(Kinesiology Family K03)
Prerequisite: KIN 301-2 with a grade of C or better.
Activity, 3 hours.
This course covers intermediate techniques of swimming, terminology, and fluid mechanics in water. Swimming strokes include front crawl, back crawl, breaststroke, and butterfly. Racing starts, flip turns, dives, and touch turns are introduced. Principles of training include interval training concepts, increase yardage and breathing techniques on both sides to build endurance. Indoor and outdoor water safety is reviewed in this course.

THIS IS CONSIDERED THE THIRD LEVEL OF THE ENHANCED SWIMMING CLASS. STUDENTS SHOULD HAVE SKILL TO SWIM IN DEEP WATER FOR AN EXTENDED PERIOD OF TIME AND THE BASIC UNDERSTANDING OF THE COMPETITIVE STROKES.

303-1 Aqua Aerobics I (1) UC:CSU
(Kinesiology Family K03)
Prerequisite: None.
Activity, 3 hours.
This is an introductory water aerobics and conditioning class that promotes fitness and therapy using basic water resistance exercises in our swimming pool. Our therapy pool is warm and has shallow and deeper areas for comfort. All abilities are welcome.

303-2 Aqua Aerobics II (1) UC:CSU
(Kinesiology Family K03)
Prerequisite: KIN 303-1 with a grade of C or better.
Activity, 3 hours.
This is a beginning water (aqua) aerobics class promoting fitness and wellness using water resistance in our heated, shallow swimming pool. Instruction and practice in water will develop cardiovascular fitness, muscular strength, endurance and flexibility in a minimal weight bearing environment. This is an ideal mode of activity if you are starting an exercise program or recovering from an injury. No swimming skills are required. This course builds upon knowledge acquired in KIN 303-1.

307-1 Swim and Run I (1) UC:CSU
(Kinesiology Family K10)
Prerequisite: None.
Activity, 3 hours.
This introductory swim/run course will develop students cardiovascular endurance and fitness through running and swimming instruction. Students will learn proper swimming and running technique with practice drills and feedback. The emphasis will be to provide safe and effective training progressions to improve health and skill acquisition. This class promotes the appreciation of outdoor fitness and all abilities are welcome.

315-1 Judo I (1) UC:CSU
(Kinesiology Family K07)
Prerequisite: None.
Activity, 3 hours.
This is a introductory Judo course. Self-Defense techniques taught include introductory concepts, throws, pins, strangles, falls and submission holds.

315-2 Judo II (1) UC:CSU
(Kinesiology Family K07)
Prerequisite: KIN 315-1 with a grade of C or better.
Activity, 3 hours.
This is a fundamental beginning (Level 2) Judo course. Beginning level Judo techniques build upon the introductory level falls, throws, pins and strangles, introduced in Level 1. This beginning course covers additional throws and introduces submission holds, escapes and counter attacks.

315-3 Judo III (1) UC:CSU
Prerequisite: KIN 315-2 with a grade of C or better.
Activity, 3 hours.
This intermediate course covers progressive throws, pins, strangles, falls, submission holds, escapes and counter attacks that build upon the skills learned in beginning Judo (level 2).

315-4 Judo IV (1) UC:CSU
Prerequisite: KIN 315-3 with a grade of C or better.
Activity, 3 hours.
This advanced Judo course focuses on the combination of throws, pins, strangles, falls, submission holds, escapes and counter attacks that build upon the skills taught in intermediate Judo (level 3). The student will learn teaching methodology of the techniques taught.

326-1 Aerobic Super Circuit Laboratory I (1) UC:CSU
(Kinesiology Family K02)
Prerequisite: None.
Activity, 3 hours.
In this introductory class the student rotates through a series of weight training and cardiovascular exercises/machines at short, timed intervals for a challenging form of conditioning that develops muscular strength, muscular endurance, and cardiovascular endurance concurrently. Students learn the importance of nutrition for peak performance and injury prevention for improved overall wellness. Exercise physiology concepts will be discussed.

326-2 Aerobic Super Circuit Laboratory II (1) UC:CSU
(Kinesiology Family K02)
Prerequisite: KIN 326-1 with a grade of C or better.
Activity, 3 hours.
In this level 2 class the student will progress from their introductory level to a beginning level in this group circuit training class. This will involve the student increasing their intensity and duration with additional stations added to their rotation in their fitness program. This progression will further enhance the student's adaptation in their cardiovascular and muscular development. Fitness assessments will be used to measure student's progress and to modify student's fitness goals. This aerobic super circuit class (aka: fitness center class) is one of our most popular activity classes and a beneficial class for weight management.

326-3 Aerobic Super Circuit Laboratory III (1) UC:CSU
Prerequisite: KIN 326-2 with a grade of C or better.
Activity, 3 hours.
This intermediate level 3 group circuit training class will increase the intensity and duration of additional stations in the circuit rotation to further progress the student's health and fitness. Fitness assessments will be used to measure cardiovascular endurance, strength, flexibility and body composition for goal setting. This aerobic super circuit class (aka: fitness center class) is one of our most popular activity classes promoting wellness through group participation.

329-1 Body Conditioning I (1) UC:CSU
(Kinesiology Family K02)
Prerequisite: None.
Activity, 3 hours.
This course introduces the student to cardiovascular endurance, muscular strength, and flexibility exercises to develop aerobic and anaerobic capacities. Students will be introduced to a variety of cardio fusion modes of exercises such as step, kickboxing, Bosu and more. Each class will focus on cross training with different equipment including free weights, tubings, jump ropes and theraballs. All fitness levels are welcomed.

329-2 Body Conditioning II (1) UC:CSU
(Kinesiology Family K02)
Prerequisite: KIN 329-1 with a grade of C or better.
Activity, 3 hours.
Body Conditioning II expands upon the physical fitness fundamental skills learned in the introductory class. The beginning student will use a wide range of training models including; cardiovascular endurance, muscular strength, muscular endurance, and flexibility. Students will be introduced to step aerobics, kick boxing, high/low aerobics, circuit training, free weights, resistance tubing, medicine balls, jump ropes and running/walking. The emphasis of this class is cardiovascular conditioning and weight training for the beginning student.

329-3 Body Conditioning III (1) UC:CSU
(Kinesiology Family K02)
Prerequisite: KIN 329-2 with a grade of C or better.
Activity, 3 hours.
This intermediate body conditioning III class continues to progress the group aerobics experience with a fusion of cardiovascular endurance modes such as step aerobics, kickboxing and high/low impact aerobics. Students will also develop their strength and flexibility with calisthenics, free weights, resistance tubings, jump ropes, Bosu trainers and stretching. This is a fun group class offering a variety of exercises to promote cross training and nutrition improvement. All abilities are welcome.

334 Fitness Walking (1) UC:CSU
(Kinesiology Family K10)
Prerequisite: None.
Activity, 3 hours.
This course focuses on achieving cardiovascular fitness and a healthy lifestyle through walking. Course topics include shoe selection, posture, gait, walking styles, flexibility, clothing, creating a walking program, and assessing fitness level.

334-1 Fitness Walking I (1) UC:CSU
(Kinesiology Family K10)
Prerequisite: None.
Activity, 3 hours.
Introductory fitness walking course with a focus on proper gait, mechanics, fitness and health development. Walking is a popular and accessible form of fitness that provides students with a starting point to develop their own fitness program and goal setting. Students of all abilities are invited to participate.

THIS COURSE REPLACED KIN 334 IN SPRING 2021. STUDENTS CAN NOT EARN CREDIT FOR BOTH KIN 334 AND KIN 334-1.

336-1 Zumba Fitness I (1) UC:CSU
(Kinesiology Family K02)
Prerequisite: None.
Activity, 3 hours.
Students will learn introductory level Zumba group exercise which combines a fusion of high energy Latin, international, and popular music with unique moves and combinations. Students will learn and experience the benefits of the integration of aerobic training with basic dance movements. Zumba provides a non-intimidating opportunity for non-dancers and dancers alike to participate in an aerobic group fitness class.

339-1 Spin & Sculpt I (1) UC:CSU
Prerequisite: None.
Activity, 3 hours.
This course will provide students with an introduction to indoor cycling using a stationary bike with strengthening and flexibility exercises. Students ride along to upbeat music to improve cardiovascular endurance in a dynamic social setting. Ideal low-impact cardiovascular exercise for weight management, stress management and minimal joint stress. All fitness levels are welcomed.

350-1 Weight Training I (1) UC:CSU
(Kinesiology Family K02)
Prerequisite: None.
Activity, 3 hours.
This is an introductory weight training course that offers instruction and practice in the proper techniques of the development of muscular strength, endurance, and flexibility. Emphasis is placed on introducing applications of scientific principles and methods used to build, improve, and maintain proper muscular and cardiovascular fitness. Nutrition for health and overall fitness, and the use of resistance and repetitions will be introduced.

350-2 Weight Training II (1) UC:CSU
(Kinesiology Family K02)
Prerequisite: KIN 350-1 with a grade of C or better.
Activity, 3 hours.
This is a beginning weight training course that offers instruction and practice in the proper techniques of the development of muscular strength, endurance, and flexibility. Emphasis is placed on beginning applications of scientific principles and methods used to build, improve, and maintain proper muscular and cardiovascular fitness. Body composition and nutrition for health and overall fitness at a beginning level is discussed.

350-3 Weight Training III (1) UC:CSU
(Kinesiology Family K02)
Prerequisite: KIN 350-2 with a grade of C or better.
Activity, 3 hours.
This is an intermediate weight training course that offers instruction and practice in the proper techniques for developing muscular strength, endurance, and flexibility. Emphasis is placed on intermediate application of scientific principles and methods used to build, improve, and maintain proper muscular and cardiovascular fitness, body composition, and nutrition. Students will learn principles of cross training, super sets, power walking, and weight lifting for auxiliary muscles.

350-4 Weight Training IV (1) UC:CSU
(Kinesiology Family K02)
Prerequisites: KIN 350-3 with a grade of C or better.
Activity, 3 hours.
This is an advanced weight training course that offers instruction and practice in the proper techniques for developing muscular strength, endurance, and flexibility. Emphasis is placed on advanced application of scientific principles and methods used to build, improve, and maintain proper muscular and cardiovascular fitness, body composition, and nutrition. Students will learn principles of power lifting, strength training, interval training, cross training, super sets, power walking, and weight lifting for auxiliary muscles.

351-1 Yoga I (1) UC:CSU
(Kinesiology Family K08)
Prerequisite: None.
Activity, 3 hours.
This introductory course teaches a 5,000 year old form of mostly isometric poses (asanas), breathing techniques, and meditation. Yoga promotes mental, physical, and spiritual fitness. In addition there are brief lectures covering basic information on hypertension, exercise precautions, body composition and how to live a healthy lifestyle.

364-1 Archery I (1) UC:CSU
(Kinesiology Family K06)
Prerequisite: None.
Activity, 3 hours.
This course is designed to provide the student with the introductory skills of target archery. The course emphasizes safety procedures and injury prevention while performing basic shooting techniques at various distances.

364-2 Archery II (1) UC:CSU
(Kinesiology Family K06)
Prerequisite: KIN 364-1 with a grade of C or better.
Activity, 3 hours.
This course is designed to provide the student with the beginning skills of target archery. The course will continue to emphasize safety procedures and injury prevention. Finer skill techniques with more refined archery equipment will be presented. Students will shoot at the 20 and 30 yard lines and be introduced to varying target faces used in organized competition. Students will be presented with methods to change the draw weight of their equipment to enhance shooting results at further distances.

365-1 Introduction to Backpacking I (1) UC:CSU
(Kinesiology Family K06)
Prerequisite: None.
Activity, 3 hours.
This course introduces the student to the fundamental techniques of backpacking. Students will be introduced to specific fitness conditioning to endure the outdoor environment as well as the skills to survey equipment, orienteering, hiking safety, first aid, and campsite preparation. Field trips are planned.

366-1 Badminton Skills I (1) UC:CSU
(Kinesiology Family K04)
Prerequisite: None.
Activity, 3 hours.
Students will learn the fundamental skills, rules and fitness necessary to play badminton such as the serve, clear, drop and smash shots, rules and basic strategies for the games of singles and doubles.

369-1 Gymnastics I (1) UC:CSU
(Kinesiology Family K01)
Prerequisite: None.
Activity, 3 hours.
This course covers introductory level gymnastics skills on all Olympic events. Students will learn basic individual skills such as a forward roll, frog stand, bar snap or 'L' support.

369-2 Gymnastics II (1) UC:CSU
(Kinesiology Family K01)
Prerequisite: KIN 369-1 or KIN 269-1 with a grade of C or better.
Activity, 3 hours.
This course introduces beginning principles/ theories of basic gymnastics skills on all Olympic events. Review of introductory (level 1) gymnastics skills. Instruction, demonstration and practice of beginning gymnastics skills, such as a cartwheel, pullover, squat vault or back hip circle. This includes combining and increasing the performance level of skills learned in introductory gymnastics (KIN 369-1). Students will learn to combine basic gymnastics skills into a sequence.

369-3 Gymnastics III (1) UC:CSU
Prerequisite: KIN 369-2 with a grade of C or better.
Activity, 3 hours.
Course covers performance of intermediate level gymnastics skills on all Olympic events. Students will learn to combine basic individual gymnastics skills into a sequence of skills.

369-4 Gymnastics IV (1) CSU
Prerequisite: KIN 369-3 with a grade of C or better.
Activity, 4 hours.
This course covers advanced principles of gymnastics skills on all Olympic events. The course includes instruction, demonstration and practice of advanced level gymnastics skills. Students will learn to combine individual gymnastics skills into a gymnastics routine. The student will learn teaching methodology of the skills taught.

370-1 Table Tennis I (1) UC:CSU
(Kinesiology Family K04)
Prerequisite: None.
Activity, 3 hours.
Introductory principles of the basic skills, rules and etiquette of table tennis are taught in this course. It includes techniques for singles and doubles strategy. Care and selection of equipment will be discussed. Skills and strategy will be developed through organized drills and game conditions.

370-2 Table Tennis II (1) UC:CSU
(Kinesiology Family K04)
Prerequisite: KIN 370-1 with a grade of C or better.
Activity, 3 hours.
This course is designed to provide the student with the beginning skills of table tennis. The course will continue to emphasize safety procedures for setting up the equipment needed. Proper etiquette will also be discussed. It includes topspin serves, ball placement, forehand topspin techniques and strategy for singles. Skills will be developed through drills and game conditions.

370-3 Table Tennis III (1) UC:CSU
(Kinesiology Family K04)
Prerequisite: KIN 370-2 with a grade of C or better.
Activity, 3 hours.
This course will provide table tennis skills of the forehand, backhand and service at the intermediate level. It will continue to emphasize safety procedures for setting up the equipment needed. The course will also provide information on the selection and care of equipment and proper etiquette. It includes forehand and backhand techniques and strategies for singles play. Additional skills will include learning a lob.

370-4 Table Tennis IV (1) UC:CSU
(Kinesiology Family K04)
Prerequisite: KIN 370-3 with a grade of C or better.
Activity, 3 hours.
This course will cover table tennis skills of the forehand and backhand strokes, legal serve and lobs at the advanced level. It will review the selection and care of equipment, the rules and regulations of table tennis and proper etiquette. Emphasis will be on the use of offensive and defensive game strategies during competition.

371-1 Tennis I (1) UC:CSU
(Kinesiology Family K04)
Prerequisite: None.
Activity, 3 hours.
This is an introductory course covering the basic tennis skills of the forehand, backhand, volley and serve. This course will also introduce the selection and care of equipment, rules, proper etiquette, terminology, strategies of the game, and components of fitness.

371-2 Tennis II (1) UC:CSU
(Kinesiology Family K04)
Prerequisite: KIN 371-1 with a grade of C or better.
Activity, 3 hours.
This class emphasizes beginning tennis skills (forehand and serve) as well as the selection and care of equipment, rules proper etiquette, terminology, and the components of physical fitness.

371-3 Tennis III (1) UC:CSU
(Kinesiology Family K04)
Prerequisite: KIN 371-2 with a grade of C or better.
Activity, 3 hours.
This class emphasizes intermediate tennis skills (forehand, serve, volley, and lob) as well as the selection and care of equipment, rules proper etiquette, terminology, and the components of physical fitness.

371-4 Tennis IV (1) UC:CSU
(Kinesiology Family K04)
Prerequisite: KIN 371-3 with a grade of C or better.
Activity, 3 hours.
This class emphasizes advance tennis skills (forehand, backhand, serve, volley, and lob) as well as the selection and care of equipment, rules proper etiquette, terminology, and the components of physical fitness.

373-1 Ultimate Frisbee I (1) UC:CSU
(Kinesiology Family K06)
Prerequisite: None.
Activity, 3 hours.
This kinesiology class will introduce students to the fundamental theory and skills of ultimate frisbee. Instruction of skills and strategies at the introductory level of throwing, catching, and passing in ultimate frisbee. Other disc activities, such as frisbee golf, may be included.

373-2 Ultimate Frisbee - 2 (1) CSU
(Kinesiology Family K06)
Prerequisite: KIN 373-1 with a grade of C or better.
Activity, 3 hours.
Students continue their education in the fundamental aspects of ultimate frisbee. Includes instruction of skills and strategies at the beginning level of throwing, catching, and passing in ultimate frisbee. Through active practice, students improve in the five components of fitness: cardiovascular endurance, muscular strength, muscular endurance, flexibility, and body composition.

374-1 Rock Climbing for Fitness I (1) UC:CSU
(Kinesiology Family K08)
Prerequisite: None.
Activity, 3 hours.
This course covers introductory principles and techniques for safe rock climbing. Class meetings will include instruction, demonstration and practice of introductory rock climbing skills, including equipment needs, safety guidelines, knots, climbing techniques. This class is designed to accommodate first time climbers and personal activity restrictions are covered. The five components of fitness (cardiovascular endurance, muscle endurance, muscular strength, flexibility & body composition) are addressed through introductory rock climbing activity. The class places an emphasis on skill development, safety and progression, which develops kinesthetic awareness, confidence and self-esteem.

374-2 Rock Climbing for Fitness 2 (1) UC:CSU
(Kinesiology Family K08)
Prerequisite: Kin 374-1 with a grade of C or better.
Activity, 3 hours.
This course expands upon the principles/ theories of rock climbing that were taught at the introductory level (level 1). Beginning level equipment needs, safety guidelines, knots, climbing techniques and activity restrictions are covered. Continued skill development, safety and progression are emphasized to enhance kinesthetic awareness, communication and self-esteem.

374-3 Rock Climbing for Fitness III (1) UC:CSU
Prerequisite: KIN 374-2 with a grade of C or better.
Activity, 3 hours.
This intermediate course covers progressive principles of rock climbing that were learned at the beginning level (level 2). Intermediate level equipment needs, safety guidelines, knots, climbing techniques and activity restrictions are covered. Continued skill development, safety and progression are emphasized to enhance kinesthetic awareness, communication and self-esteem.

387-1 Basketball I (1) UC:CSU
(Kinesiology Family K09)
Prerequisite: None.
Activity, 3 hours.
This course is designed to teach an introduction of the basic basketball skills of passing, dribbling, shooting, and rebounding. The course will also introduce rules, proper etiquette, terminology, and the components of fitness.

387-2 Basketball II (1) UC:CSU
(Kinesiology Family K09)
Prerequisite: KIN 387-1 with a grade of C or better.
Activity, 3 hours.
This course will cover basic basketball skills of passing, dribbling, shooting, and rebounding at a beginning level. The course will cover rules, proper etiquette, terminology, and the five components of fitness at a beginning level. Additional skills will include learning a proper lay up at the beginning level.

387-3 Basketball III (1) UC:CSU
(Kinesiology Family K09)
Prerequisite: KIN 387-2 with a grade of C or better.
Activity, 3 hours.
This course will cover basketball skills of passing, dribbling, shooting, and rebounding at an intermediate level. The course will cover rules, proper etiquette, terminology, and the five components of fitness at an intermediate level. Additional skill will include learning a proper jump stop.

387-4 Basketball IV (1) UC:CSU
(Kinesiology Family K09)
Prerequisite: KIN 387-3 with a grade of C or better.
Activity, 3 hours.
This course will cover basketball skills of passing, dribbling, shooting, and rebounding at an advanced level. The course will cover rules, proper etiquette, terminology, and the components of fitness at an advance level. Additional skill will include learning a legal free throw shot.

389-1 Soccer I (1) UC:CSU
(Kinesiology Family K09)
Prerequisite: None.
Activity, 3 hours.
Students learn basic soccer skills of passing, dribbling, shooting, and goal keeping. The course will also introduce individual and team offense and defense, as well as the rules, proper etiquette, terminology, and the components of fitness. Students will learn proper soccer techniques with practice skills and feedback.

389-2 Soccer II (1) UC:CSU
(Kinesiology Family K09)
Prerequisite: KIN 389-1 with a grade of C or better.
Activity, 3 hours.
This course will cover basic soccer skills of passing, dribbling, shooting, and goal keeping at a beginning level. The course will cover rules, proper etiquette, terminology, and the components of fitness at a beginning level. The additional skills will include Push Passing, follow the leader, instep Drive 1 and Clock Shooting with both right and left foot at the beginning level.

389-3 Soccer III (1) UC:CSU
(Kinesiology Family K09)
Prerequisite: KIN 389-2 with a grade of C or better.
Activity, 3 hours.
This course will cover soccer skills of dribbling, shooting, goal keeping and passing at a intermediate level. The course will review rules, proper etiquette, terminology, and the components of fitness at a intermediate level for example on with (the field of play, ball, number of players, players equipment, referees, assistant referees, duration of the match, start and restart of play, ball in and out of play, methods of scoring, offside, free kick, penalty kicks, throw in, goal kick, corner kick, fouls and misconduct). Additional skill will include learning a proper heading techniques.

390-1 Softball - I (1) UC:CSU
(Kinesiology Family K09)
Prerequisite: None.
Activity, 3 hours.
This course introduces basic softball drills to create fundamentals, game terminology, and introduce the rules of softball. Drills, safety, and repetition are the primary focus in the areas of throwing, catching, and base running. Skill assessments and a written final exam serve to evaluate student achievement.

390-2 Softball II (1) CSU
(Kinesiology Family K09)
Prerequisite: KIN 390-1 with a grade of C or better.
Activity, 3 hours.
This course is a second-level softball class that gives instruction on advanced softball skills, techniques, rules, and game strategies. Students are required to compete in scrimmage situations against local junior college teams. This course is designed for prospective intercollegiate softball players.

391-1 Volleyball I (1) UC:CSU
(Kinesiology Family K04)
Prerequisite: None.
Activity, 3 hours.
This introductory volleyball class exposes students to the fundamentals of volleyball, motor skill development and progressive development in this team sport. All fitness levels are welcomed.

391-2 Volleyball II (1) UC:CSU
(Kinesiology Family K04)
Prerequisite: KIN 391-1 with a grade of C or better.
Activity, 3 hours.
Students learn beginning volleyball skills and techniques. Skills learned are back row attack, jump serve, float serve, rotational and perimeter defense and quick hits. The students also learn strategy used for games and the rules of the sport.

KINESIOLOGY ATHLETICS (KIN ATH)

503 Intercollegiate Athletics-Baseball (3) UC:CSU RPT2
Prerequisite: None.
Enrollment is limited to those students judged most qualified based on past performance and/or tryouts.
Activity, 10 hours.
This is an Intercollegiate Athletic competitive baseball team course. The skills perfected in this course will include throwing, fielding, hitting, base running, and baseball game strategies. There are baseball games played in this course.

504 Intercollegiate Athletics-Basketball (3) UC:CSU RPT2
Prerequisite: None.
Enrollment is limited to those students judged most qualified based on past performance and/or tryouts.
Activity, 10 hours.
This course includes instruction on the fundamentals of intermediate and advance principles, theories and skills of Intercollegiate Basketball. The course includes instruction, demonstration and practice of competitive basketball skills, including passing, dribbling, shooting, rebounding, individual and team offense/defense. This course requires intercollegiate basketball competition. Tryouts are required.

508 Intercollegiate Athletics-Football (3) UC:CSU RPT2
Prerequisite: None.
Enrollment limited to available seats awarded to those students judged most qualified, based on past performance and/or tryouts. Students will be only allowed to repeat 2 times.
Activity, 10 hours.
This course requires participation on the intercollegiate football team. Advanced blocking, tackling, ball handling and running are taught. Football game playing experience is required. The class will include the study of football strategies for offense, defense and special teams including video study of technique and opponent strategies. Tryouts may be required if experience is limited.

511 Intercollegiate Athletics-Soccer (3) UC:CSU RPT2
Prerequisite: None.
Enrollment is limited to those students judged most qualified based on past performance and/or tryouts.
Activity, 10 hours.
The instructor will teach fundamental, intermediate and advance principles/theories and skills of Soccer. This will include instruction, demonstration, and practice of basic soccer skills of passing, dribbling, shooting, goal keeping, individual and team offense/defense and soccer intercollegiate competition.

512 Intercollegiate Athletics-Softball (3) UC:CSU RPT2
Prerequisite: None.
Enrollment is limited to those students judged most qualified based on past performance and/or tryouts.
Activity, 10 hours.
This course will cover the fundamental, intermediate and advanced principles/theories and skills of Softball. There will be instruction, demonstration and practice of basic softball skills, including throwing, fielding, hitting, base running, and intercollegiate competition.

513 Intercollegiate Athletics-Swimming and Diving (3) UC:CSU RPT2
Prerequisite: None.
Enrollment is limited to those students judged most qualified based on past performance and/or tryouts.
Activity, 10 hours.
This course is designed for the intercollegiate athlete in competitive swimming and diving. The course includes instruction, demonstration and practice of fundamental and advanced swimming and diving techniques, including starts, turns, stroke technique, breathing, and interval training. This course requires intercollegiate competition. Tryouts are required for participation in this course.

517 Intercollegiate Athletics-Water Polo (3) UC:CSU RPT2
Prerequisite: None.
Enrollment is limited to those students judged most qualified based on past performance and/or tryouts.
Activity, 10 hours.
This course is the competitive Intercollegiate water polo team. Instruction includes demonstration and practice of swimming, eggbeater kick, offense, defense, counter attack, man up and man down situations. The course requires participation in intercollegiate water polo games as a member of the college team. Tryouts are required for participation in this course.

552 Intercollegiate Sports-Conditioning & Skills Training (1) UC:CSU RPT3
Prerequisite: None.
Activity, 3 hours.
This course is designed for student athletes and prepares the participants for the physical and mental rigors of the athletic season. The following areas are emphasized: the analysis/development of athletic skills, offensive and defensive systems, and the five components of physical fitness. This class is open to students who are current team members.

556 Intercollegiate Basketball-Fitness & Skills Training (1) UC:CSU RPT3
Prerequisite: None.
Enrollment limited to students who are members of the intercollegiate athletics women's basketball team at LAVC and limited to available seats awarded to those students judged most qualified, based on past performance and/or audition.
Activity: 3 hours.
This course is designed for the student athlete and is intended to provide focused strength and conditioning exercises with an emphasis on safety, injury prevention, new rules and game plays for basketball.

580 Intercollegiate Basketball-Strength & Skills Training (3) CSU RPT3
Prerequisite: None.
Enrollment limited to students who are members of the intercollegiate athletics basketball teams at LAVC and limited to available seats awarded to those students judged most qualified, based on past performance and/or audition.
Activity: 9 hours.
This course is an intercollegiate team development course that includes instruction on the fundamentals of the five components of physical fitness and skills of intercollegiate basketball. The course includes instruction, demonstration and practice of strength exercises and basketball skills.

KINESIOLOGY MAJOR (KIN MAJ)

100 Introduction to Kinesiology (3) UC:CSU
This class does not meet the credit for Physical Education activity.
Required for Physical Education and Recreation majors.
Prerequisite: None.
Lecture, 3 hours.
Kinesiology is the study of the art and science of human movement throughout our lifespan. Students will be introduced to the evidence-based research supporting the therapeutic effects of exercise in improving health and society in our communities, schools, work place and clinical settings. Kinesiology provides areas of study in health and fitness promotion, clinical exercise physiology, biomechanics, motor learning and development, athletic training, dance, adapted physical education, pedagogy, sports psychology, sports nutrition, sports management, exercise equipment design and testing and wellness coaching as well as pre-professional training for cardiac rehabilitation, gerokinesiology, physical therapy, public health and policy, medicine and research.
C-ID: KIN 100

101 First Aid and CPR (3) UC:CSU
Prerequisite: None.
Lecture, 3 hours.
Students will demonstrate emergency first aid, CPR and AED skills for situations where help is delayed, during natural disasters and major catastrophes. Students will demonstrate and explain recommendations by the American Heart Association, National Safety Council, ECSI (Emergency Care Safety Institute) and/or the American Red Cross for community members to respond to non-breathing, choking, cardiac emergencies, sudden illness and other life-threatening emergencies. Students will also, explain techniques for all ages along with emergency action plans, safety, and prevention of disease transmission.

126 Fundamentals of Athletic Training (3) UC:CSU
This class does not meet the credit for Physical Education activity.
Prerequisite: None.
Lecture, 2 hours; laboratory, 3 hours.
This course introduces the concepts and practical skills of athletic training, including the prevention, recognition, evaluation, and management of athletic injuries. This course is designed for athletic trainers, physical educators, coaches, physical therapists and individuals who plan on working with active individuals.

127 Advanced Athletic Training (3) UC:CSU
This class does not meet the credit for Physical Education activity.
Prerequisite: KIN MAJ 126 with a grade of C or better.
Lecture, 2 hours; laboratory, 3 hours.
This course will advance the knowledge and skills introduced in the Kin Maj 126 Fundamentals of Athletic Training course. The student will acquire experience and advanced techniques in the prevention, recognition, evaluation, and management of athletic injuries.

LAW (LAW)

001 Business Law I (3) UC:CSU
Prerequisite: None.
Lecture, 3 hours.
This is an introductory course in law as it relates to business transactions and the legal process. Topics include sources of law and ethics, contracts, torts, criminal law, intellectual property, agency, business organizations, and judicial and administrative processes.

MAXIMUM UC CREDIT FOR ANY COMBINATION OF LAW 001 OR LAW 002 IS ONE COURSE.

C-ID: BUS 125

002 Business Law II (3) UC:CSU
(LAW 002 may be taken before LAW 001)
Prerequisite: None.
Lecture, 3 hours.
This course covers the fundamental principles of law as they apply in the business world, going beyond the basics of the American legal system that are covered in Business Law I. Topics include the law of agency, real property, employment and commercial paper. Students also learn about various business structures and organizations, including but not limited to corporations, partnerships, limited liability companies, franchises and sole proprietorships; the course also covers the different legal obligations and duties arising out of each of these structures. The course also covers additional topics necessary for a well rounded understanding of business law, such as Employment and Labor Law, Employment Discrimination, Wills and Trusts and Bankruptcy Law.

MAXIMUM UC CREDIT FOR ANY COMBINATION OF LAW 001 OR LAW 002 IS ONE COURSE.

003 Civil Rights and the Law (3) UC:CSU
Prerequisite: None.
Recommended: Self-placement into ENGLISH 101 or E.S.L. 110.
Lecture, 3 hours.
This is an introduction to Constitutional Law and related legal issues concerning civil rights, due process of law, freedom of expression, freedom of religion, racial equality and democratic processes with emphasis on recent US Supreme Court decisions.

911-921-931-941 Cooperative Education - Law (1-4) CSU
Law is approved for Cooperative Work Experience Education credit. See Cooperative Education, page 102, for prerequisite, course description and credit limits.

DURING THE FALL AND SPRING SEMESTERS, STUDENTS SHALL BE ENROLLED IN AT LEAST ONE ADDITIONAL COURSE IN A U.S. REGIONALLY ACCREDITED INSTITUTION.

LEARNING SKILLS (LRNSKIL)

040 Introduction to Learning Disabilities (1) NDA
Prerequisite: None.
Students should obtain add cards from the Services for Students with Disabilities Office.
Pass-No Pass only.
Lecture, 1 hour.
Individualized diagnostic assessment procedures are administered. Students with learning disabilities identify strengths and weaknesses in abilities and achievement/learning skills. Individual recommendations are made regarding study skills, strategies, and use of possible accommodations.

041 Study Strategies for Students with Learning Disabilities (3) NDA
Prerequisite: None.
Class is designed for students with disabilities.
Lecture, 3 hours.
Students with identified learning disabilities are taught study skills and compensatory strategies for successful completion of educational goals. This course will help students with identified learning disabilities to develop strategies to cope with the demands of the classroom environment. Such strategies include time management, goal setting, note taking, listening and reading comprehension skills, and how to conduct academic research.

044 Adaptive Computer Operations (1) NDA
Prerequisite: None.
This course is offered on a Pass-No Pass basis only.
Permission of Instructor and registration through Services for Students with Disabilities Office.
Laboratory, 2 hours.
This course is designed for eligible students with verified disabilities. This class provides individual assessment of adaptive computer needs of the student, based upon disability-related educational limitations. The type of equipment and/or programs and the extent of training will depend on the student's disability, professional assessment, and academic and vocational goals.

LIBRARY SCIENCE (LIB SCI)

100 Media And Information Literacy: Research Strategies And Beyond (3) UC:CSU
Prerequisites: None.
Lecture, 3 hours.
This course examines the exponential growth of online information and the resulting complex digital media landscape faced by students in the 21st century. Students explore the psychological, social, and physiological impacts of online media engagement, while developing essential information literacy skills that are relevant to current academic endeavors and to their future as informed citizens and lifelong learners. Through multiple online platforms and advanced online search strategies, students learn to locate, evaluate, and communicate information responsibly and ethically

101 College Research Skills (1) UC:CSU ✪
Prerequisite: None.
Lecture, 1 hour.
This is a practical course in college level research using academic libraries and related information sources. Students develop strategies to find, organize, evaluate, and cite various print and online sources effectively and ethically. These skills help students become strong researchers and life-long learners.

LINGUISTICS (LING)

001 Introduction to Language and Linguistics (3) UC:CSU
Prerequisite: None.
Lecture, 3 hours.
Introduction to the linguistic diversity of the world and to the main subfields of linguistics such as phonetics and phonology (the study of sound production and patterning), morphology (word formation) and syntax (sentence formation). Other topics covered include the structural characteristics of world languages, first and second language acquisition, methods of classifying languages into families, how context shapes meaning and language use, and language use in social context. Students will not receive credit for both Linguistics 1 and English 105.

MACHINE SHOP-CNC (MSCNC)

114 Print Interpretation & Sketching (Blueprint I) (3) CSU
Prerequisite: None.
Lecture, 3 hours.
This is a course in understanding the fundamental principles and practices of blueprint reading which includes a study of standard symbols and their applications with emphasis on interpreting a variety of mechanical drawings in the major technical fields.

124 Print Interpretation and Inspection (Blueprint II) (3) CSU
Prerequisite: None.
Lecture, 3 hours.
Multi-view, assembly and detail prints are studied in this course. Advanced terminology including geometric dimensioning and tolerancing and true position is stressed. Inspection measuring instruments and processes are covered.

MANAGEMENT (MGMT)

001 Principles of Management (3) CSU
Prerequisite: None.
Lecture, 3 hours.
This is an introductory course on the principles of management. The course provides a detailed analysis of management functions: planning, including business environment, strategies, objectives, policies, methods, and procedures; organizing, including authority, responsibility, and organizational structure; directing, including leadership, motivation, communication, and team dynamics; and, controlling, including performance measurement, standards, operations, and action implementation.

NO UC CREDIT FOR MGMT 001 AFTER SUMMER 1995.

013 Small Business Entrepreneurship (3) CSU
Prerequisite: None.
Lecture, 3 hours.
This course provides a systematic approach to developing and operating a successful small business. The areas of study include: personal qualifications for starting and managing a small business, determining the market opportunity, legal procedures, planning and marketing the business, location factors, capital requirements, protective factors to provide for risk, and personnel management. Students gain experience through the development of a business plan.

031 Human Relations for Employees (3) CSU
Prerequisite: None.
Lecture, 3 hours.
This course covers the practical application of psychological and sociological principles to the study of human relations in business and industry. The course emphasizes case studies and teamwork. Topics covered include communication styles, self-esteem, ethics, attitude and motivation, self-disclosure, emotional balance, leadership strategies, work force diversity, and professional presence.

033 Human Capital Management (3) CSU
Prerequisite: None.
Lecture, 3 hours.
This course covers the fundamentals of personnel or human resources management. The course is for students considering working in the field of human resources and management. Topics include human resources management strategy and practice; labor laws; recruitment,selection and placement; performance evaluation; training and development; compensation and benefits; safety and health; accident prevention; and labor relations and communication.

911-921-931-941 Cooperative Education - Management (1-4) CSU
Management is approved for Cooperative Work Experience Education credit. See Cooperative Education, page 102, for prerequisite, course description and credit limits.

DURING THE FALL AND SPRING SEMESTERS, STUDENTS SHALL BE ENROLLED IN AT LEAST ONE ADDITIONAL COURSE IN A U.S. REGIONALLY ACCREDITED INSTITUTION.

MARKETING (MARKET)

001 Principles of Selling (3) CSU
Prerequisite: None.
Lecture, 3 hours.
This course emphasizes the principles used in persuasive communication. Consumer buying behavior, presentations, and closing the sale are covered. The course is designed to help students currently involved in sales as well as those seeking to improve their communication skills. Sales presentations, videotapes and case studies are used.

011 Fundamentals of Advertising (3) CSU
Prerequisite: None.
Lecture, 3 hours.
This course introduces the student to the role of advertising in our economy. It gives a comprehensive overview of the planning and managing of advertising. The course also covers how the major forms of media, such as television, radio, newspapers, magazines, the internet are integrated into the advertising campaign.

021 Principles of Marketing (3) CSU
Prerequisite: None.
Lecture, 3 hours.
This course provides an extensive study of concepts and strategies in the field of marketing is based. Emphasis is on product, place (distribution), promotion and pricing decisions. Additional topics are sales forecasting, domestic and international markets, personal selling, marketing legislation,and the environmental factors that impact marketing.

031 Retail Merchandising (3) CSU
Prerequisite: None.
Lecture, 3 hours.
This course explores the domain of retailing. Emphasis is placed on marketing concepts and principles of the retail operation, organizational structure, merchandising, store location, store layout, personnel, buying, selling, inventory control, budgeting, and the impact of the Internet on retailing.

911-921-931-941 Cooperative Education - Marketing (1-4) CSU
Marketing is approved for Cooperative Work Experience Education credit. See Cooperative Education, page 102, for prerequisite, course description and credit limits.

DURING THE FALL AND SPRING SEMESTERS, STUDENTS SHALL BE ENROLLED IN AT LEAST ONE ADDITIONAL COURSE IN A U.S. REGIONALLY ACCREDITED INSTITUTION.

MATHEMATICS (MATH)

Every student planning to enroll in a mathematics course for the first time at Valley College is expected to consult counselors or the mathematics department. Students are advised of their recommended placement and are then allowed to enroll in that course.

100 Mathematics Workshop (1) NDA
Prerequisite: None.
Offered on a Pass-No Pass basis only.
Activity, 2 hours.
This course offers directed practice to mathematics students of varying skill levels.

110 Introduction to Algebraic Concepts (5) NDA
Prerequisite: None.
Lecture, 5 hours.
This course reviews basic mathematics, operations on real numbers and algebraic expressions, and an introduction to elementary topics in algebra. Topics include operations on whole numbers, fractions, decimals, and integers; order of operations; ratios, proportions, percents, and applications; perimeter, area, and volume applications; metric and English conversions; and simple algebraic expressions and equations. Basic word problems that embody these concepts are included throughout the course.

STUDENTS MAY NOT EARN CREDIT FOR BOTH MATH 110 AND MATH 112.

112 Pre-Algebra (3) NDA
Prerequisite: None.
Lecture, 3 hours.
This course reviews basic mathematics, operations on real numbers and algebraic expressions, and an introduction to elementary topics in algebra. Topics include operations on whole numbers, fractions, decimals, and integers; order of operations; ratios, proportions, percents, and applications; perimeter, area, and volume applications; metric and English conversions; and simple algebraic expressions and equations. Basic word problems that embody these concepts are included throughout the course.

STUDENTS MAY NOT EARN CREDIT FOR BOTH MATH 110 AND MATH 112.

115 Elementary Algebra (5)
Prerequisite: MATH 112 or MATH 110 with grades of C or better, or appropriate skill level demonstrated through the math placement process.
Lecture, 5 hours.
Topics include real number operations, evaluating and simplifying algebraic expressions, linear equations and inequalities, positive integer exponents, fundamental operations on polynomial, rational, and radical (index 2) expressions, polynomial factoring, quadratic equations, graphs of linear equations, solving a system of two linear equations in two variables, solving linear, quadratic, and special polynomial equations; solving rational and radical equations, and modeling and solving a variety of word problems.

120 Plane Geometry (5)
Prerequisite: MATH 113 and MATH 114 with grades of C or better; or MATH 115 with a grade of C or better; or appropriate skill level demonstrated through the math placement process.
Lecture, 5 hours.
The course covers properties of points, lines, angles, triangles, quadrilaterals, circles and other polygons. Emphasis is placed on logical reasoning and methods of proof, especially deductive reasoning.

121 Elementary Geometry for College Students (3)
Prerequisite: MATH 113 and MATH 114 with grades of C or better; or MATH 115 with a grade of C or better; or appropriate skill level demonstrated through the math placement process.
Lecture, 3 hours.
The course covers properties of points, lines, angles, triangles, quadrilaterals, circles and other polygons. Emphasis is placed on logical reasoning and methods of proof, especially deductive reasoning.

122 Intermediate Algebra for Statistics (5)
Prerequisite: MATH 113 and MATH 114 with grades of C or better; or MATH 115 with a grade of C or better; or appropriate skill level demonstrated through the math placement process.
Lecture, 5 hours.
This course is designed as a prerequisite solely for Math 227. Students will not get math competency credit as stated in E-79 for taking this course. If students wish to proceed to another course other than Math 227, they would need to go back and take Math 125. The course reviews concepts learned in Math 115 and applies them to more complicated problems; also covers inequalities, absolute values, relations and functions, exponential and logarithmic functions, sequences, series, Binomial Theorem, permutation & combination, sets and probability.

125 Intermediate Algebra (5)
Prerequisite: MATH 113 and MATH 114 with grades of C or better; or MATH 115 with a grade of C or better; or appropriate skill level demonstrated through the math placement process.
Lecture, 5 hours.
This course reviews concepts learned in Math 115 and applies them to more complicated problems. Topics include algebra of functions, quadratic and rational equations and inequalities, absolute values, factoring polynomials, radical equations and expressions, logarithms, exponential equations, systems of equations, complex numbers, nonlinear relationship, modeling, and conic sections.

134 Accelerated Elementary and Intermediate Algebra (6)
Prerequisites: MATH 110 or MATH 112 with a grade of C or better.
Lecture, 4 hours; laboratory, 4 hours.
This is an accelerated course covering topics from Elementary and Intermediate Algebra. Topics include linear equations and inequalities, exponents, polynomials and factoring, rational expressions, rational equations and inequalities, radical expressions and equations, quadratics equations and inequalities, graphing linear and nonlinear equations and inequalities, system of linear and nonlinear equations and inequalities, functions, exponential and logarithmic functions, conics, and sequences and series. This course has a lab component and satisfies any Intermediate Algebra requisite.

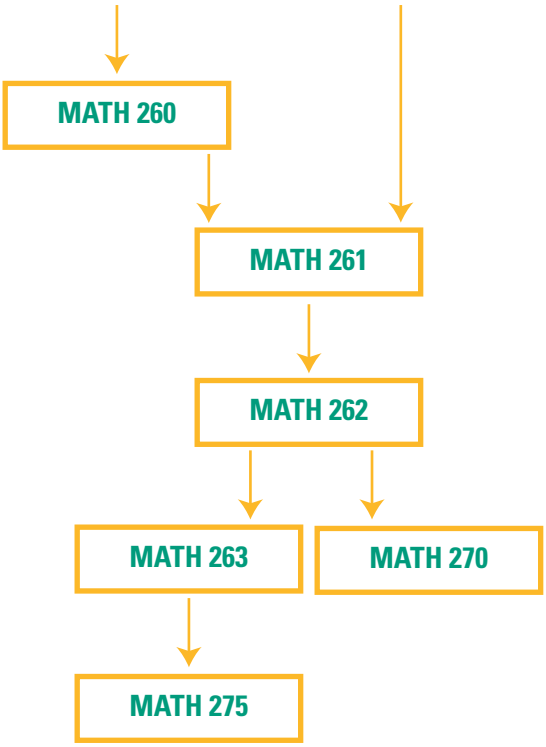
TRANSFER-LEVEL MATH COURSE SEQUENCE

MATH 215 | MATH 227 | MATH 227S | MATH 238 | MATH 240 | MATH 245 | MATH 259

MATH 100 is a recommended support class that can be taken concurrently with the highlighted transfer-level math classes.

Optional courses for students who wish to obtain more instruction prior to entering a transfer-level math course.

MATH 120 Plane Geometry → MATH 240
MATH 122 Intermediate Algebra for Statistics → MATH 215/227/227S/238
MATH 125 Intermediate Algebra → MATH 240/245/259
MATH 134 Accelerated Elementary and Intermediate Algebra → MATH 240/245/259



215 Principles of Mathematics I (3) UC:CSU

Prerequisite: MATH 125 or MATH 134 with a grade of C or better, or appropriate skill level demonstrated through the math placement process.
Recommended: MATH 120.
Lecture, 1 hour; laboratory, 4 hours.
This is a course designed primarily for students who plan to teach in elementary school.
This course focuses on the development of quantitative reasoning skills through in-depth, integrated explorations of topics in mathematics, including real number systems and subsystems. Emphasis is on comprehension and analysis of mathematical concepts and applications of logical reasoning. This course also covers the language of sets, elementary logic, systems of numeration, nature of numbers, fundamental operations, relations and functions, integers, rational and real numbers, and various algorithms used in calculations.

C-ID: MATH 120

UC CREDIT FOR MATH 215 EFFECTIVE FALL 1994.

227 Statistics (4) UC:CSU ✪

Prerequisite: MATH 125 or MATH 122 or MATH 134 with a grade of C or better, or appropriate skill level demonstrated through the math placement process.
Lecture, 4 hours; laboratory, 1 hour.
This course uses technology to analyze data. Probability techniques, hypothesis testing, and predictive techniques are employed to facilitate decision-making by inferring population-level conclusions based on samples. Topics include descriptive statistics; probability and sampling distributions; statistical inference; correlation and linear regression; analysis of variance (ANOVA), chi-square and t-tests; and application of technology for statistical analysis including the interpretation of the relevance of the statistical findings. Applications using data from disciplines including business, social sciences, psychology, life science, health science, and education.

MATH 225, 227 STAT 101 COMBINED, MAXIMUM UC CREDIT, ONE COURSE.

C-ID: MATH 110

227S Statistics with Support (4) UC:CSU ✪

Prerequisite: MATH 125 or MATH 122 or MATH 134 with a grade of C or better, or appropriate skill level demonstrated through the math placement process.
Lecture, 4 hours; laboratory, 1 hour.
This course uses technology to analyze data. Probability techniques, hypothesis testing, and predictive techniques are employed to facilitate decision-making by inferring population-level conclusions based on samples. Topics include descriptive statistics; probability and sampling distributions; statistical inference; correlation and linear regression; analysis of variance (ANOVA), chi-square and t-tests; and application of technology for statistical analysis including the interpretation of the relevance of the statistical findings. Applications using data from disciplines including business, social sciences, psychology, life science, health science, and education. This course provides additional support for students on mathematics topics necessary for success in statistics like fractions, percents, decimals, algebra, and more.

238 Calculus for Business and Social Science I (5) UC:CSU

Prerequisite: MATH 125 with a grade of C or better or appropriate skill level demonstrated through the math placement process.
Recommended: MATH 245.
Lecture, 5 hours.
This course presents a study of the techniques of calculus with emphasis placed on the application of these concepts to business and management related problems. The applications of derivatives and integrals of functions including polynomials, rational, exponential and logarithmic functions are studied. Topics in this course include: techniques of differentiating; maximum-minimum problems; curve sketching; derivatives and applications of exponential and logarithmic functions; techniques of integration; linear approximations; matrices and linear systems.

C-ID: MATH 140

240 Trigonometry (3) CSU

Prerequisite: MATH 120 or MATH 121 and MATH 125 with a grade of C or better or concurrent enrollment, or appropriate skill level demonstrated through the math placement process.
Lecture, 1 hours; Laboratory, 4 hours.
This course studies trigonometric functions, their inverses and their graphs, identities and proofs related to trigonometric expressions, trigonometric equations, solving right triangles, solving triangles using the Law of Cosines and the Law of Sines, polar coordinates, introduction to vectors, and complex numbers including De Moivre's theorem and polar coordinates.

C-ID MATH 851

245 College Algebra (3) UC:CSU

Prerequisite: MATH 125 with a grade of C or better, or appropriate skill level demonstrated through the math placement process.
Lecture, 1 hours; Laboratory, 4 hours.
This college-level course in algebra is for majors in the Liberal Arts. It covers polynomial, rational, radical, exponential, absolute value, and logarithmic functions; systems of equations; inverses and transformations of functions; theory of polynomial equations; characterization of the zeros of polynomials; matrices and determinants; sequences and series; binomial theorem; modeling of calculus-type word problems; and mathematical induction.

MATH 245 COMBINED WITH MATH 260, MAXIMUM UC CREDIT IS 4 UNITS.

C-ID: MATH 150

259 Precalculus with Trigonometry (6) UC:CSU ✪

Prerequisite: MATH 120 or MATH 121; and MATH 125 or MATH 134 with a grade of C or better or concurrent enrollment in MATH 121 or MATH 120, or appropriate skill level demonstrated through the math placement process.
Lecture, 6 hours.
This course is preparation for calculus. It covers the study of polynomial, absolute value, radical, rational, exponential, and logarithmic functions, analytic geometry, theory of equations, mathematical induction, sequences and series, binomial theorem, inequalities, matrices, polar coordinates, graphing polynomial, rational, and conic sections. The study of trigonometric functions, their inverses and their graphs, identities and proofs related to trigonometric expressions, trigonometric equations, solving right triangles, solving triangles using the Law of Cosines and the Law of Sines, and introduction to vectors.

C-ID MATH 955

260 Precalculus (5) UC:CSU ✪

Prerequisite: MATH 240 with a grade of C or better, or concurrent enrollment; or appropriate skill level demonstrated through the math placement process.
Lecture, 5 hours.
This course is preparation for calculus. It covers polynomial, absolute value, radical, rational, exponential, logarithmic, and trigonometric functions and their graphs; analytic geometry and graphing conic sections, theory of equations, mathematical induction, sequences and series, binomial theorem, inequalities, matrices, and polar coordinates.

NOTE: UC ALLOWS A MAXIMUM OF 4 TRANSFERABLE UNITS FOR THIS COURSE.

MATH 245 COMBINED WITH MATH 260, MAXIMUM UC CREDIT IS 4 UNITS.

C-ID MATH 155

261 Calculus I (5) UC:CSU ✪
Prerequisite: MATH 240 and 260; or MATH 259 with a C or better.
Lecture, 5 hours.
This first course in a three-semester, unified treatment of differential and integral calculus of a single variable includes functions; limits and continuity; techniques and applications of differentiation and integration; rates of change; maxima and minima; Mean Value Theorem; approximations; antiderivatives; definite integrals; Fundamental Theorem of Calculus. Primarily for Science, Technology, Engineering & Math Majors.

MATH 238, 261, 265 COMBINED, MAXIMUM UC CREDIT, ONE COURSE.

C-ID: MATH 211

262 Calculus II (5) UC:CSU ✪
Prerequisite: MATH 261 or 265 with a C or better.
Lecture, 5 hours.
This second course in a three-semester, unified treatment of differential and integral calculus of a single variable includes integration; techniques of integration; derivatives and integrals of inverse trigonometric; logarithmic; exponential and hyperbolic functions; improper integrals; numerical methods; infinite sequences and series; polar and parametric equations; conic sections; Taylor formulas; indeterminate forms; power series; and applications of integration. Primarily for Science, Technology, Engineering & Math Majors.

MATH 262, 266 COMBINED, MAXIMUM UC CREDIT, ONE COURSE.

C-ID: MATH 221

263 Calculus III (5) UC:CSU
Prerequisite: MATH 262 or 266 with a C or better.
Recommended: MATH 270.
Lecture, 5 hours.
This final course in a three-semester, unified treatment of calculus includes vector valued functions, calculus of functions of more than one variable, partial derivatives, multiple integration, Green's Theorem, Stokes' Theorem, divergence theorem, quadric surfaces, vector and parametric equations in two and three space, curvature, cylindrical and spherical coordinates, gradient, maxima and minima for functions of several variables, surface integrals, and line integrals.

MATH 263, 267 COMBINED, MAXIMUM UC CREDIT, ONE COURSE.

C-ID: MATH 230

270 Linear Algebra (3) UC:CSU
Prerequisite: MATH 262 or 266, with a grade of C or better.
Lecture, 3 hours.
This course develops the techniques and theory needed to solve and classify systems of linear equations. Solution techniques include row operations, Gaussian elimination, and matrix algebra. Investigates the properties of vectors in two and three dimensions, leading to the notion of an abstract vector space. Vector space and matrix theory are presented including topics such as inner products, norms, orthogonality, eigenvalues, eigenspaces, linear transformations, and diagonalization. Selected applications of linear algebra are included.

C-ID: MATH 250

275 Ordinary Differential Equations (3) UC:CSU
Prerequisite: MATH 263 or 267 with a grade of C or better.
Recommended: MATH 270.
Lecture, 3 hours.
The course is an introduction to ordinary differential equations including both quantitative and qualitative methods as well as applications from a variety of disciplines. It introduces the theoretical aspects of differential equations, including establishing when solution(s) exist, and techniques for obtaining solutions, including series solutions, singular points, Laplace transforms and linear systems.

C-ID: MATH 240

185 Directed Study - Mathematics (1) CSU
285 Directed Study - Mathematics (2) CSU
385 Directed Study - Mathematics (3) CSU
Prerequisite: Math 261 with a grade of C or better.
Conference,1 hour per unit.
Direct study allows students to pursue selected topics in mathematics beyond the normal curriculum under the direction of a supervising instructor.

CREDIT LIMIT: A MAXIMUM OF 3 UNITS PER SUBJECT IN DIRECTED STUDY MAY BE TAKEN FOR CREDIT.

UC CREDIT FOR INDEPENDENT STUDY/DIRECTED STUDY COURSES NUMBERED 185, 285, AND 385 IN ANY DEPARTMENT IS NOT AUTOMATIC; CREDIT IS CONTINGENT ON UC CAMPUS EVALUATION AFTER APPLICATION AND ADMISSION. THESE UNITS SHOULD NOT BE USED TOWARD CALCULATION OF THE MINIMUM 60 UNITS NEEDED FOR ADMISSION TO THE UC.

MEDIA ARTS (MEDIART)

(Please also see Cinema)

100 The Entertainment Industry: Breaking In (3) CSU
Prerequisite: None.
Lecture, 3 hours.
This course is an introductory, interdisciplinary survey of the entertainment industry; showcasing various jobs from entry-level Production Assistants to high-level CEOs, how to obtain these jobs, and an overall understanding of the creative process from start to finish. The course begins with the development and pre-production process (idea to script through budgeting and preparation). It continues through production (casting, story-boarding, shooting) and post production (editing, visual effects, sound/music), then distribution (marketing and exhibition). Much focus will be on the evolution of technology and the impact it has on the major studios as well as the independent production companies that produce content destined for the theater, streaming, video game consoles, the internet, and virtual reality devices.

101 Introduction to Digital Film Production (3) CSU
Prerequisite: MEDIART 100 or CINEMA 107 with a grade of C or better or concurrent enrollment in either course.
Lecture, 2 hours; laboratory, 3 hours.
Students will create multiple projects possibly including short narratives, documentaries, commercials, and/or music videos in their comprehensive quest to learn all aspects of digital film production from script concept to finished product. The course is centered on basic theory and its application via exams, demonstrations, and hands-on experiences with digital media exercises.

NOTE: STUDENTS WILL POSSIBLY BE REQUIRED TO PROVIDE VARIOUS RECORDING EQUIPMENT AND MEDIA STORAGE SUPPLIES TO COMPLETE CLASS ASSIGNMENTS. ADDITIONAL OUT-OF-CLASS OR LAB TIME MAY BE REQUIRED TO COMPLETE PROJECTS.

103 Digital Imaging and Motion Graphics for Film and Television (3) UC:CSU
Prerequisite: MEDIART 101 with a grade of C or better.
Lecture, 2 hours; laboratory, 2 hours.
This is an intermediate level course dealing with motion graphics for film and television using digital imaging and animation software, with an emphasis on programs such as Photoshop and After Effects, including layers, masks, filters, animation techniques and output to video, via demonstrations, practicums, and exercises.

NOTE: STUDENTS WILL BE REQUIRED TO PROVIDE INSTRUCTIONAL MATERIALS TO COMPLETE CLASS ASSIGNMENTS. ADDITIONAL OUT-OF-CLASS OR LAB TIME MAY BE REQUIRED TO COMPLETE PROJECTS.

104 Photoshop for Motion Pictures and Television (3) CSU
Prerequisite: None.
Lecture, 2 hours; laboratory, 2 hours.
This is a beginning level course dealing with graphics for Motion Pictures and Television using digital imaging software, with an emphasis on programs such as Adobe Photoshop, including layers, masks, filters, text, blend modes, editing tools, animation techniques and output to video applications, via demonstrations, practicums, and exercises.

105 Visual Effects and Color Grading (3) UC:CSU
Prerequisites: MEDIART 104 with a grade of C or better.
Lecture, 2 hours; laboratory, 2 hours.
This is an intermediate level course dealing with the creation of visual effects, color grading, and color correction for film and television with the potential use of software such as Photoshop, After Effects, Maya, and Resolve. Effects such as simple beauty fixes to more involved 3D modeling could be covered as well as basic digital color correction and overall color grading techniques. Visual aesthetics and color science theory is explored. The technical aspects of visual effects and color grading, including video output to various file types, is instructed via demonstrations, practicums, and exercises.

110 Digital Film Sound (3) CSU
Prerequisite: MEDIART 101 or CINEMA 101 with a grade of C or better.
Lecture, 2 hours; laboratory, 2 hours.
This is an intermediate course dealing with all aspects of film/video sound recording, mixing, and editing from theory to application, centering on learning the basic parts and functions of professional motion picture and digital video sound equipment and software, as well as sound techniques and aesthetics.

NOTE: STUDENTS WILL BE REQUIRED TO PROVIDE VARIOUS MEDIA STORAGE SUPPLIES TO COMPLETE CLASS ASSIGNMENTS. ADDITIONAL OUT-OF-CLASS OR LAB TIME MAY BE REQUIRED TO COMPLETE PROJECTS.

113 Low Budget Producing (3) CSU
Prerequisite: None.
Lecture, 2 hours; laboratory, 2 hours.
This course is an overview of the creative and business aspects of producing motion pictures and episodic content with emphasis on the job functions and skills required for the producer to actualize his/her ideas and vision. The course will cover all the functions of the producer from development, preproduction, production, post production, and distribution. Projects with a variety of budgets will be covered with an emphasis on low budget filmmaking. Students will prepare an actual proposal for a film project.

115 Digital Cinematography (3) CSU
Prerequisite: MEDIART 101 or CINEMA 101 with a grade of C or better.
Lecture, 2 hours; laboratory, 2 hours.
This is an intermediate course dealing with all aspects of cinematography from theory to application, centering on learning the basic parts and function of intermediate film/video cameras, lenses, lighting equipment, accessories as well as cinematography techniques and aesthetics.

NOTE: STUDENTS WILL BE REQUIRED TO PROVIDE INSTRUCTIONAL MATERIALS TO COMPLETE CLASS ASSIGNMENTS. ADDITIONAL OUT-OF-CLASS OR LAB TIME MAY BE REQUIRED TO COMPLETE PROJECTS.

116 Introduction to Screenwriting (3) UC/CSU
Prerequisite: None.
Lecture, 3 hours.
This is a screenwriting course taking students through the process from concept to delivery. Fundamentals learned will be story, character, scene, how to craft a compelling opening, and the keys to a memorable ending. Examples from successful feature films and serialized content are utilized throughout.

118 Directing (3) CSU
Corequisite: CINEMA 107.
Lecture, 2 hours; laboratory, 2 hours.
This course presents an introduction to the art and craft of film directing, with emphasis on the role of the director as a storyteller, the visualization of the script, directing the actors, and the creative interaction with above and below the line personnel. Student exercises with actors, the creation of camera and lighting plans, visual presentations, and discussions will illustrate the director's process during pre-production, production and post-production as well as the beginning steps toward a directing career.

120 Digital Film Editing (3) CSU
Prerequisite: MEDIART 101 or CINEMA 101 with a grade of C or better.
Lecture, 2 hours; laboratory, 2 hours.
This is an intermediate course covering all aspects of digital film/video editing theory, techniques and aesthetics. A variety of professional applications will be utilized in the editing exercises.

NOTE: STUDENTS WILL BE REQUIRED TO PROVIDE VARIOUS MEDIA STORAGE SUPPLIES TO COMPLETE CLASS ASSIGNMENTS. ADDITIONAL OUT-OF-CLASS OR LAB TIME MAY BE REQUIRED TO COMPLETE PROJECTS.

129 Mythology, Spirituality, and the Art of Story (3) UC:CSU
Prerequisite: None.
Lecture, 3 hours.
Media Arts 129 is a course that takes an analytical and critical overview of storytelling, examining the historical and modern role of mythology, spirituality, legends and parables, and how they have shaped and formed stories found in today's motion picture and television writings.

130 Advanced Screenwriting (3) CSU
Prerequisite: BRDCSTG 025 or MEDIART 116 with a grade of C or better.
Lecture, 3 hours.
Media Arts 130 is an advanced screenwriting workshop emphasizing the skill and understanding of structure, character and story. Students write an original screenplay in a workshop setting, developing an effective and marketable sample of work.

131 Advanced Episodic Writing (3) UC:CSU
Prerequisite: BRDCSTG 025 or MEDIART 116 with a grade of C or better.
Lecture, 3 hours.
This is an advanced episodic writing course emphasizing the skill and understanding of structure, character and story. Students write an original comedy or episodic drama in a workshop setting, developing an effective and marketable sample of work.

911-921-931-941 Cooperative Education – Media Arts (1-4) CSU
Media Arts is approved for Cooperative Work Experience Education credit. See Cooperative Education, page 102, for prerequisite, course description and credit limits.

DURING THE FALL AND SPRING SEMESTERS, STUDENTS SHALL BE ENROLLED IN AT LEAST ONE ADDITIONAL COURSE IN A U.S. REGIONALLY ACCREDITED INSTITUTION.

METEOROLOGY (METEOR)

003 Introduction to Weather and Climate (3) UC:CSU
(Same as GEOG 003.)
Prerequisite: None.
Recommended: MATH 115 or self-placement into a higher level of MATH and self-placement into ENGLISH 101 or E.S.L. 110.
Lecture, 3 hours.
An introduction to weather, climate and environment employing scientific method and observation. The course examines Earth's atmosphere, processes and phenomena and their impacts on humans and the global environment. Course topics include composition of the atmosphere, weather elements and controls, atmospheric processes, global circulation, storms, air pollution, global climate patterns and climate change, and techniques and tools for weather forecasting.

MICROBIOLOGY (MICRO)

020 General Microbiology (4) UC:CSU
Prerequisite: CHEM 051 or CHEM 060 or CHEM 068 or CHEM 101 with a grade of C or better.
Lecture, 3 hours; laboratory, 3 hours.
This class is an introduction to principles of microbiology, with emphasis on clinical microbiology for the allied health sciences, including the chemistry, biology, taxonomy, and genetics of pathogenic microorganisms. Principles of pathology and interactions of pathogenic microorganisms with the host are presented by examining infectious diseases of major organ systems. Laboratory exercises develop skills and strategies employed in the clinical microbiology laboratory.

$15 LAB FEE TO BE PAID WITH REGISTRATION.

MICRO 1 COMBINED WITH MICRO 020, MAXIMUM UC CREDIT IS ONE COURSE.

MUSIC (MUSIC)

A list of required and recommended classes for the Music Major is available in either the Counseling office or the Music Department.

Some courses in Music are part of the Music Family group and have enrollment limitations. The group code appears under the course title. See page 203-204 for more information.

101 Fundamentals of Music (3) UC:CSU ✪
Prerequisite: None.
Lecture, 3 hours.
This is an introductory course in reading and writing music. It covers notation, keys, scales, intervals, chords, and includes practical experience in rhythmic drills, sight singing and ear training.

111 Music Appreciation I (3) UC:CSU ✪
Prerequisite: None.
Lecture, 3 hours.
This is an introductory survey course designed to develop an understanding of the literature of Western art music from the Middle Ages through the present day. Emphasis is given to music heard in concert, motion pictures, radio and television and to techniques of perceptive listening.

C-ID: MUS 100

118 Film Music Appreciation (3) UC:CSU
Prerequisite: None.
Lecture, 3 hours.
This is an introductory survey course designed to familiarize the student with the music used to accompany film from the silent era to today. Emphasis is given to: the musical elements that support and enhance the dramatic experience of the film, major composers and movies.

121 Music History and Literature I (3) UC:CSU
Prerequisite: MUSIC 201 with a grade of C or better.
Lecture, 3 hours.
Designed for Music Majors, but open to the general student, Music 121 traces the evolution of musical thought and practice in the Western world from ancient Greece through the Medieval, Renaissance and Baroque periods, with particular focus on the function of music in various social, political and historical contexts and the emerging compositional styles and techniques.

122 Music History and Literature II (3) UC:CSU
Prerequisite: MUSIC 201 with a grade of C or better.
Lecture, 3 hours.
Designed for Music Majors, but open to the general student, Music 122 traces the evolution of musical thought and practice in the Western world from the Classic period through the present day, with particular focus on the function of music in various social, political and historical contexts and the emerging compositional styles and techniques.

136 Music in American Culture (3) UC:CSU
Prerequisite: None.
Lecture, 3 hours.
This course provides a comparative and integrative study of the multi-cultural music styles of the United States. Emphasis is given to the music of Native Americans, European Americans, African Americans, Chicano/Latino Americans, and Asian Americans, tracing the development of these various musical traditions from their historical roots to their influence on contemporary American music.

137 Music as a Business (3)
Prerequisite: None.
Lecture, 3 hours.
Students will learn the business aspects of the music industry. The course addresses the skills and knowledge necessary for success in the business and related careers. Emphasis is on small business models, as well as the greater scope of the industry.

141 Jazz Appreciation (3) UC:CSU
Prerequisite: None.
Lecture, 3 hours.
Jazz Appreciation covers the study of the elements of jazz as well as traces the development and evolution of significant styles and structures. Listening skills will be developed to recognize the many differences in individual solo as well as jazz ensemble interpretations. A series of discussions on composing and arranging music in a jazz style will be incorporated.

152 Current Musical Events (1) CSU
Prerequisite: None.
Lab/performance, 2 hours.
This course enriches the students' musical experiences through the presentation of live performances in a variety of concerts and recitals. The events offered include concerts by the various departmental musical organizations, student soloists faculty recitals, and guest artists.

161 Introduction to Music Technology (3) CSU
Prerequisite: None.
Lecture, 2 hours; laboratory, 2 hours.
This introductory course explores the history and use of electronic equipment, synthesizers, computers and recording equipment in the making of music. Topics include computer hardware and software, modern sequencing techniques, MIDI (Musical Instrument Digital Interface), and basic digital audio, using the Macintosh platform.

165 Introduction to Recording Arts (3) CSU
Prerequisite: None.
Lecture, 2 hours; laboratory, 2 hours.
This class is an introduction to the theory and practice of acoustics, audio, and recording. Topics include: the nature of sound; basic acoustics; audio systems and terminology; microphone principles and usage; recording styles; recording studio equipment; multitrack recording procedures.

180 Applied Music Laboratory (1.5) CSU
Prerequisite: None. Pass-No Pass only. Corequisite: MUSIC 181 or 182 or 183 or 184, and 250.
Laboratory, 5 hours.
This course allows students to improve their technical skills on their own instrument or voice as assigned by applied music faculty or performance workshop faculty. Basic repertoire and historical performance practices are emphasized.

181 Applied Music I (0.5) UC:CSU
Prerequisite: A successful audition on or before the first day of class is required for continue enrollment.
Laboratory, 1 hour.
This course is designed for students to develop study, practice, and performance skills on a principal instrument or voice through private lessons. Students will be able to perform selected repertoire at a level based on students entering abilities. This parallels the offering for and requirements of UC and CSU music majors.

A SUCCESSFUL AUDITION ON THE FIRST DAY OF CLASSES IS REQUIRED FOR CONTINUED ENROLLMENT.

C-ID: MUS 160

182 Applied Music II (0.5) UC:CSU
Prerequisite: MUSIC 181 and MUSIC 200 with a grade of C or better. Students are encouraged to enroll at registration. A successful audition on the first day of class is required for continued enrollment.
Corequisite: MUSIC 250-1.
Laboratory, 1 hour.
This course is designed for students to develop study, practice, and performance skills on a principal instrument or voice through private lessons. Students will be able to perform selected repertoire at a level based on students entering abilities. This parallels the offering for and requirements of UC and CSU music majors.

C-ID: MUS 160

183 Applied Music III (0.5) UC:CSU
Prerequisite: MUSIC 182, MUSIC 201 and MUSIC 211 with a grade of C or better. Students are encouraged to enroll at registration. A successful audition on the first day of class is required for continued enrollment.
Corequisite: MUSIC 250-2.
Laboratory, 1 hour.
This course is designed for students to develop study, practice, and performance skills on a principal instrument or voice through private lessons. Students will be able to perform selected repertoire at a level based on students entering abilities. This parallels the offering for and requirements of UC and CSU music majors.

C-ID: MUS 160

184 Applied Music IV (0.5) UC:CSU
Prerequisite: MUSIC 183, MUSIC 202 and MUSIC 212 with a grade of C or better. Students are encouraged to enroll at registration. A successful audition on the first day of class is required for continued enrollment.
Laboratory, 1 hour.
Students will be able to perform selected repertoire at a level based on students entering abilities. This course is designed for students to develop study, practice, and performance skills on a principal instrument or voice through private lessons. This parallels the offering for and requirements of UC and CSU music majors.

C-ID: MUS 160

190 Music Laboratory for Practicing (0.5)
Prerequisite: None. Pass-No Pass only.
Laboratory, 1.5 hours.
This course offers students the opportunity to improve their technical skills on their own instrument or voice and work on assignments from their theory, instrumental, vocal and musicianship instruction courses.

191 Music Laboratory for Listening (0.5)
Prerequisite: None. Pass-No Pass only.
Laboratory, 1.5 hours.
This course offers students the opportunity to develop listening skills and complete listening assignments from music classes through the use of listening library equipment and audio media.

192 Music Software Laboratory (0.5)
Prerequisite: None. Pass-No Pass only.
Laboratory, 1.5 hours.
Students have the opportunity to improve their skills in using the computer software associated with music. Students work at their own pace on projects in computer notation, sequencing, musicianship, part writing and composition.

200 Introduction to Music Theory (4) UC:CSU
Prerequisite: None.
Recommended: Concurrent enrollment in MUSIC 321.
Lecture, 3 hours; lab/performance, 2 hours.
This is the entry-level course for Music Majors. It is an accelerated course in music theory including: musical notation, basic rhythms, major and minor scales, keys, intervals, transposition, chords, four-part writing, beginning sight singing and ear training. It is recommended that students concurrently enroll in Mus 321.

C-ID: MUS 110

201 Harmony I (3) UC:CSU
Prerequisite: MUSIC 200 with a grade of C or better.
Corequisite: MUSIC 211.
Recommended: Concurrent enrollment in MUSIC 322.
Lecture, 3 hours.
A course in beginning diatonic harmony. Through guided writing and analysis, this course will include study of voice-leading; four-part chorale writing; figured bass realization; non-chord tones; an introduction to two-part counterpoint; and an introduction to secondary/applied chords and modulation. Mus 211 is a required co-requisite and it is recommended that students concurrently enroll in Music 322.

C-ID: MUS 130

202 Harmony II (3) UC:CSU
Prerequisite: MUSIC 201 with a grade of C or better.
Corequisite: MUSIC 212.
Recommended: Concurrent enrollment in MUSIC 323.
Lecture, 3 hours.
A course in diatonic and beginning chromatic harmony. Through writing and analysis, the course will include: introduction to chromatic harmony; secondary/applied chords; sequences; modulation; borrowed chords; and binary and ternary forms. This course will also introduce Neapolitan and augmented-sixth chords. Mus 212 is a required co-requisite and it is recommended that student concurrently enroll in Mus 323.

C-ID: MUS 140

203 Harmony III (3) UC:CSU
Prerequisite: MUSIC 202 with a grade of C or better.
Corequisite: MUSIC 213.
Recommended: Concurrent enrollment in MUSIC 324.
Lecture, 3 hours.
A continuing course in the study of chromatic harmony. Through writing and analysis, this course will include: post-Romantic techniques such as borrowed chords and modal mixture; chromatic mediants; Neapolitan and augmented-sixth chords; extended tertian harmony; altered chords and domninants; and a survey of twentieth-century techniques. Larger forms, such as variation and sonata, will also be examined. Mus 213 is a required co-requisite and it is recommended that student concurrently enroll in Mus 324.

C-ID: MUSIC 150

205 Commercial Harmony I (3) UC:CSU
Prerequisite: MUSIC 101 or MUSIC 200 with a grade of C or better.
Lecture, 3 hours.
This course introduces students to commercial harmony. Terminology, notation, chord structure and usage are covered, with an emphasis on part writing using open and closed 4ths, major 6th and 7th chords expanding to 9th, 11th and 13th chords, minor 7th chords; major, minor, pentatonic and blue scales, modes, blues and commercial chord progressions.

206 Commercial Harmony II (3) UC:CSU
Prerequisite: MUSIC 205 with a grade of C or better.
Lecture, 3 hours.
This course covers topics in Commercial music terminology, notation, chord and scale structure, modes, blues and pentatonic scales, extended chords, bass line construction, harmonization of melodic lines, chord progressions, basic chord voicing, ear-training and applied piano.

211 Musicianship I (1) UC:CSU
Prerequisite: MUSIC 200 with a grade of C or better.
Corequisite: MUSIC 201.
Recommended: Concurrent enrollment in MUSIC 322.
Lab/performance, 3 hours.
This course is correlated with the study of harmony in Music 201. It is an advanced beginning course in ear training, the course includes sight singing; rhythmic, melodic and harmonic dictation; basic keyboard harmony, and a review of fundamentals of music theory. Mus 201 is a required co-requisite and it is recommended that students concurrently enroll in Mus 322.

C-ID: MUS 135

212 Musicianship II (1) UC:CSU
Prerequisite: MUSIC 211 with a grade of C or better.
Corequisite: MUSIC 202.
Recommended: Concurrent enrollment in MUSIC 323.
Lab/performance, 3 hours.
This course is correlated with the study of harmony in Music 202. It is an intermediate course in ear training; sight singing; rhythmic, melodic and harmonic dictation; basic keyboard harmony. Mus 202 is a required co-requisite and it is recommended that student concurrently enroll in Mus 323.

C-ID: MUS 145

213 Musicianship III (1) UC:CSU
Prerequisite: MUSIC 212 with a grade of C or better.
Corequisite: MUSIC 203.
Recommended: Concurrent enrollment in MUSIC 324.
Lab/performance, 3 hours.
This course is correlated with the study of harmony in Music 203. It is an advanced-intermediate course in ear training; sight singing; rhythmic, melodic and harmonic dictation; basic keyboard harmony. Mus 203 is a required co-requisite and it is recommended that students concurrently enroll in Mus 324.

C-ID: MUS 155

241 Music Notation and Copying I (1) CSU
Prerequisite: None.
Lecture, 1 hour.
Students will gain practical experience in the techniques of music, chord symbol and lyric notation. Students will be trained in the preparation and presentation of lead sheets, piano music, and master rhythm scores, as well as score and part layout, as it is applied using the computer. It is assumed that the student has the ability to read music and has basic skills in computer use.

242 Music Notation and Copying II (1) CSU
Prerequisite: MUSIC 241 with a grade of C or better.
Lecture, 1 hour.
Students will continue their studies in the techniques of music, chord symbol and lyric notation. Students will continue training in lead sheet, piano, and master rhythm score construction, as well as score and part layout, as it is applied using the computer. It is assumed that the student has the ability to read music and has basic skills in computer use.

250-1 Music Performance Workshop I (1) UC:CSU
Prerequisite: MUSIC 322, 412, 602, 612, 622, or 652 with a grade of C or better.
Lab/performance, 3 hours
Students work in a masterclass environment, rehearsing music of beginning-intermediate skill level appropriate to their instrument/voice. A final public performance is given. Concert attendance is required.

250-2 Music Performance Workshop II (1) UC:CSU
Prerequisite: MUSIC 250-1 with a grade of C or better.
Lab/performance, 3 hours.
Students work in a masterclass environment, rehearsing music of advanced-intermediate skill level appropriate to their instrument/voice. A final public performance is given. Concert attendance is required.

250-3 Music Performance Workshop III (1) UC:CSU
Prerequisite: MUSIC 250-2 with a grade of C or better.
Lab/performance, 3 hours
Students work in a masterclass environment, rehearsing music of beginning-advanced skill level appropriate to their instrument/voice. A final public performance is given. Concert attendance is required.

250-4 Music Performance Workshop IV (1) UC:CSU
Prerequisite: MUSIC 250-3 with a grade of C or better.
Lab/performance, 3 hours
Students work in a masterclass environment, rehearsing music of intermediate-advanced skill level appropriate to their instrument/voice. A final public performance is given. Concert attendance is required.

265-1 Recording Arts Workshop I (3 CSU
Prerequisite: MUSIC 165 with a grade of C or better.
Lecture, 2 hours; laboratory, 2 hours.
This is Level 1 of the advanced recording theory and hands-on workshop, meeting in the Level 1 recording studio control room. Topics include: stereo and multi-track recording, overdubbing one or two live musicians at one time, hands-on microphone placement, analog and digital console operation, advanced Level 1 digital and analog recording principles, use of computerized Digital Audio Workstations in conjunction with analog and digital signal-processing equipment.

265-2 Recording Arts Workshop II (3) CSU
Prerequisite: MUSIC 265 or MUSIC 265-1 with a grade of C or better.
Lecture, 2 hours; laboratory, 2 hours.
This is Level 2 of the advanced recording theory and hands-on workshop, meeting in the Level 2 recording studio control room. Topics include: multi-track recording of large performance ensembles at one time (interacting with the music ensemble classes), hands-on microphone placement, analog and digital console operation, advanced Level 2 digital and analog recording principles, use of advanced, professional-level computerized Digital Audio Workstations in conjunction with analog and digital signal-processing equipment.

265-3 Recording Arts Workshop III (3) CSU
Prerequisite: MUSIC 265-2 with a grade of C or better.
Lecture, 2 hours; laboratory, 2 hours.
This class is a continuation of Music 265-2. Level 3 applies the techniques and procedures developed in 265-1 and 265-2 to an audio post-production environment, meeting in the dedicated post-production control room. Techniques practiced include placing sound effects, balancing dialog, and the placing and editing of music to project videos, use of advanced professional-level sound effect libraries at a computerized Digital Audio Workstation in conjunction with analog and digital signal-processing and editing equipment.

270 DJ Workshop (3)
Prerequisite: None.
Recommended: MUSIC 101 and MUSIC 161.
Lecture, 2 hours; laboratory, 2 hours.
This introductory course explores the history of the modern DJ and the use of DJ equipment, turntables, synthesizers, computers and recording equipment in the making of music. Topics include DJ-specific computer hardware and software, composing with modern sequencing techniques, MIDI (Musical Instrument Digital Interface), and basic digital audio. Students will demonstrate skills in a variety of professional DJ performance situations.

270-2 DJ Workshop II (3)
Prerequisites: MUSIC 270 with a grade of C or better.
Lecture, 2 hours; laboratory, 2 hours.
Students will continue mastering techniques learned in MUS 270 DJ Workshop I, composing original commercial media pieces created with Logic X, intermediate beat-matching skills using Pioneer Rekordbox and Traktor 3 , mixing live effects during performances, and basic music theory. Additional topics include advancing from amateur DJing to booking professional engagements, recording techniques using live instruments and vocals, vocal remix techniques, vocal mash-ups, MIDI mapping, and audio sampling. Students will also engage in marketing and branding, streaming online, developing websites, social networking, creating and managing bookings, hiring agents, and producing Electronic Press Kits.

271 Songwriters' Workshop I (3) UC:CSU
Prerequisite: None.
Lecture, 3 hours.
Students compose and produce original music and lyrics in jazz, rock, latin, and hip hop. Emphasis is on short pieces in a variety of styles.

281 Commercial Music Techniques I (3) CSU
Prerequisite: MUSIC 206 with a grade of C or better.
Lecture, 2 hours; lab/performance, 2 hours.
Emphasis on writing for rhythm section, jazz combo and big band. Development of skills in writing lead sheets, rhythm charts, three horn and big band arrangements. Performance and recording of class projects.

282 Commercial Music Techniques II (3) CSU
Prerequisite: MUSIC 281 with a grade of C or better.
Lecture, 2 hours; laboratory, 2 hours.
This is a continuation of Music 281, focusing on development of writing techniques for film, television and video, live and studio vocalists, as well as small project studio. There is an emphasis on short musical cues, as well as larger forms, incorporating vocal arranging, synthesizer sweetening, and multi-track recording overdubs, in a variety of contemporary styles. The class provides an introduction to scoring cues for film, television and video in a project studio setting.

321 Elementary Piano I (2) UC:CSU
(Music Family M02)
Prerequisite: None.
Lecture, 1 hour; lab/performance, 2 hours.
This course covers beginning repertoire; music reading in five-finger positions; and scales and primary triad progressions in five major keys (C, G, D, A, and E Major).

322 Elementary Piano II (2) UC:CSU
(Music Family M02)
Prerequisite: MUSIC 321 with a grade of C or better.
Lecture, 1 hour; lab/performance, 2 hours.
This course is a continuation of Music 321. Topics include music reading in extended hand positions; elementary sight-reading exercises; selected scales and primary triad progressions in minor keys (A, E, D, G, C minors); and intermediate-beginning level repertoire.

323 Elementary Piano III (2) UC:CSU
(Music Family M02)
Prerequisite: MUSIC 322 with a grade of C or better.
Lecture, 1 hour; lab/performance, 2 hours.
This course is a continuation of Music 322. Topics include introduction of black-key major scales; triad arpeggios; public performance; and intermediate repertoire.

324 Elementary Piano IV (2) UC:CSU
(Music Family M02)
Prerequisite: MUSIC 323 with a grade of C or better.
Lecture, 1 hour; lab/performance, 2 hours.
This course is a continuation of Music 323. Topics include black key minor scales; triad arpeggios in minor keys; public performance; and repertoire appropriate to the advanced beginning level.

411 Elementary Voice I (2) UC:CSU
(Music Family M07)
Prerequisite: None.
Lecture, 1 hour; lab/performance, 2 hours.
In this course, basic techniques of vocal production are introduced. The student is directed toward proper stance and breathing techniques, increased vocal freedom, and improvement of articulation and tone. The course introduces standard solo literature and offers performing experience. Proficiency in English is strongly recommended.

412 Elementary Voice II (2) UC:CSU
(Music Family M07)
Prerequisite: MUSIC 411 with a grade of C or better.
Lecture, 1 hour; lab/performance, 2 hours.
In this course, students will continue their development of basic techniques of vocal production, practice and performance experience. Along with repertoire in English, this course introduces basic Italian diction and repertoire.

413 Elementary Voice III (2) UC:CSU
(Music Family M07)
Prerequisite: MUSIC 412 with a grade of C or better.
Lecture, 1 hour; lab/performance, 2 hours.
This course offers continued voice building, looking toward the possibility of increasing range, richness and expressiveness. A song repertoire of moderate difficulty, including art songs in English, Italian, and German or French, is memorized and performed in class.

414 Elementary Voice IV (2) UC:CSU
(Music Family M07)
Prerequisite: MUSIC 413 with a grade of C or better.
Lecture, 1 hour; lab/performance, 2 hours.
This course will explore the refinement of vocal technique, repertory and performance. Along with songs in English, Italian and German, those in French or Spanish will be introduced. The development of the student's ability to analyze and interpret the song repertoire is stressed.

435 Commercial Voice I (2) UC:CSU
Prerequisites: MUSIC 411 with a Grade C or better.
Lecture, 1 hour; lab/performance, 2 hours.
The student concentrates on the basics of singing using vocal exercises and songs selected from the advanced beginning commercial song literature. Course includes coaching sessions with class accompanist, and use of recording studio. (If prerequisite is not met, enrollment is subject to audition.)

436 Commercial Voice II (2) UC:CSU
Prerequisites: MUSIC 435 with a Grade C or better.
Lecture, 1 hour; lab/performance, 2 hours.
The student concentrates the singing voice using more difficult vocal exercises and songs from the many areas of commercial vocal music. Stylistic interpretation and performance practices will be emphasized. Course includes coaching sessions with class accompanist. If prerequisite is not met, enrollment is subject to audition.)

437 Commercial Voice III (2) UC:CSU
Prerequisites: MUSIC 436 with a Grade C or better.
Lecture, 1 hour; lab/performance, 2 hours.
The more advanced singer concentrates the singing voice using more difficult vocal exercises and songs from the many areas of commercial vocal music. Stylistic interpretation and performance practices will be emphasized. Course includes coaching sessions with class accompanist. If prerequisite is not met, enrollment is subject to audition.)

453 Musical Theatre Repertoire for Singers (1) UC:CSU
(Music Family M07)
Prerequisite: MUSIC 411 with a grade of C or better. Students are encouraged to enroll at registration. A successful audition on the first day of class is required for continued enrollment.
Lab/performance, 3 hours.
This course is designed to teach fundamental vocal techniques as utilized in a Broadway musical. Instruction includes basic body movement, acting technique, interpretation of Broadway song literature and the skill of auditioning. Students are required to prepare a final project excerpted from a standard work. All performances are evaluated.

501 College Choir (1) UC:CSU RPT3
Prerequisite: None. A successful audition the first day of class is required for continued enrollment.
Lab/performance, 3 hours.
This course is for the study, rehearsal, and public performance of music for the vocal ensemble. Musicianship skills will be introduced and practiced daily using concert literature and sight reading exercises in four parts, employing solfeggio, rhythmic drills, and the identification of key signatures and tonal centers. A regimen of practical physical and vocal warm-ups will be used to support good vocal health. Students will be able to sing in a choral setting using proper technique, including balance and tone. This class is open to music and non-music majors and reinforces sight singing skills taught in Musicianship courses.

C-ID MUS 180

531 Philharmonic Choir (1) UC:CSU RPT3
Prerequisite: None. Students are encouraged to enroll at registration. A successful audition on the first day of class is required for continued enrollment.
Lab/performance, 3 hours.
This course is for the study, rehearsal, and public performance of literature appropriate to the ensemble, with an emphasis on the development of skills, such as blend, intonation, diction and music reading skills needed to perform within an ensemble. Students will be able to sing in a choral setting using proper vocal technique, including balance and tone.

C-ID MUS 180

563 Chamber Singers (1.5) UC:CSU RPT3
Prerequisite: None. Students are encouraged to enroll at registration. A successful audition on the first day of class is required for continued enrollment.
Lab/performance, 5 hours.
This course is for the study, rehearsal, and public performance of literature appropriate to the ensemble, with an emphasis on the development of skills, such as blend, intonation, diction and music reading skills needed to perform within an ensemble. Students will be able to sing in a choral setting using proper vocal technique, including balance and tone.

C-ID MUS 180

650 Beginning Guitar (2) UC:CSU
(Music Family M01)
Prerequisite: None.
Lecture, 1 hour; lab/performance, 2 hours.
In this course, students will learn the basics of guitar with emphasis on right and left hand techniques, tuning, chords, strumming and notation. Students will also learn to read and play simple melodies and accompaniments to gain a firm grasp of the instrument. Each student must possess a guitar.

651 Classical Guitar I (2) UC:CSU
(Music Family M01)
Prerequisite: None.
Lecture, 1 hour; lab/performance, 2 hours.
In this course students will learn Classical guitar techniques, including right and left hand development, beginning repertoire, note reading, preparation for solo and ensemble performance. Each student must possess a nylon string guitar.

652 Classical Guitar II (2) UC:CSU
(Music Family M01)
Prerequisite: MUSIC 651 with a grade of C or better. If the prerequisite is not met, enrollment is subject to audition.
Lecture, 1 hour; lab/performance, 2 hours.
Students in the course will learn advanced beginning level classical guitar techniques, including right and left hand development. The course will include advanced beginning repertoire, note reading, preparation for solo and ensemble performance. Each student must possess a nylon string guitar. If the prerequisite is not met, enrollment is subject to audition.

653 Classical Guitar III (2) UC:CSU
(Music Family M01)
Prerequisite: MUSIC 652 with a grade of C or better.
Lecture, 1 hour; lab/performance, 2 hours.
In this course, students will learn intermediate level classical guitar techniques, including right and left hand development. Course includes intermediate repertoire, note reading, preparation for solo and ensemble performance. Each student must possess a nylon string guitar.

654 Classical Guitar IV (2) UC:CSU
(Music Family M01)
Prerequisite: MUSIC 653 with a grade of C or better.
Lecture, 1 hour; lab/performance, 2 hours.
In this course, students will learn advanced intermediate level classical guitar techniques, including right and left hand development. Course also includes intermediate repertoire, note reading, preparation for solo and ensemble performance. Each student must possess a nylon string guitar.

721 Orchestra (1) UC:CSU RPT3
Prerequisite: None. Students are encouraged to enroll at registration. A successful audition on the first day of class is required for continued enrollment.
Lab/performance, 4 hours.
With an emphasis on performance, students have the opportunity to expand their repertoire and reading of standard symphonic literature through rehearsal and concert performance of that literature. Students will participate in two concerts each semester.

C-ID MUS 180

751 Wind Ensemble (1) UC:CSU RPT3
Prerequisite: None. Students are encouraged to enroll at registration. A successful audition on the first day of class is required for continued enrollment.
Lab/performance, 3 hours.
Students will prepare for performances of concert band repertoire and develop individual technical and artistic abilities through experience with a wide range of concert band literature. Retention based on successful audition.

C-ID MUS 180

771 Guitar Ensemble (1) UC:CSU RPT3
Prerequisite: None. Students are encouraged to enroll at registration. A successful audition with the conductor on the first day of class is required for continued enrollment.
Lab/performance, 3 hours.
This course consists of the study and performance of the conducted guitar ensemble literature with emphasis on intonation, rhythmic alignment, balance, style and the requirements of effective ensemble playing.

C-ID MUS 180

780 Jazz Combo Workshop (1) UC:CSU RPT3
Prerequisite: None. Students are encouraged to enroll at registration. A successful audition on the first day of class is required for continued enrollment.
Lab/performance, 3 hours.
Students will organize musical pieces, rehearse and perform in a variety of small combo settings. Emphasis is on presentation, live performance and interaction with student arrangers.

185 Directed Study - Music (1) CSU
Prerequisite: None.
Conference, 1 hour per unit.
This course allows students to pursue Directed Study in Music on a contract basis under the direction of a supervising instructor. Student projects must be non-performance based.

CREDIT LIMIT: A MAXIMUM OF 3 UNITS PER SUBJECT IN DIRECTED STUDY MAY BE TAKEN FOR CREDIT.

UC CREDIT FOR INDEPENDENT STUDY/DIRECTED STUDY COURSES NUMBERED 185, 285, AND 385 IN ANY DEPARTMENT IS NOT AUTOMATIC; CREDIT IS CONTINGENT ON UC CAMPUS EVALUATION AFTER APPLICATION AND ADMISSION. THESE UNITS SHOULD NOT BE USED TOWARD CALCULATION OF THE MINIMUM 60 UNITS NEEDED FOR ADMISSION TO THE UC.

911-921-931-941 Cooperative Education - Music (1-4) CSU
Music is approved for Cooperative Work Experience Education credit. See Cooperative Education, page 102, for prerequisite, course description and credit limits.

DURING THE FALL AND SPRING SEMESTERS, STUDENTS SHALL BE ENROLLED IN AT LEAST ONE ADDITIONAL COURSE IN A U.S. REGIONALLY ACCREDITED INSTITUTION.

NUMERICAL CONTROL (NUM CON)

(Automated and Computer-Controlled Machining)

021 Advanced Manual CNC Lathe Programming & Introduction to CAM (3)
Prerequisite: None.
Lecture, 1 hour; laboratory, 5 hours.
Students will study Numerical Control part program preparation that began in Numerical Control 1 (CNC-1) and develop the techniques of planning for efficient operation sequencing. Compares NC, CNC and DNC; including examination of these systems in relation to CAD/CAM. Introduces computer-assisted NC part programming languages. Emphasizes writing and running CNC Lathe programs machining metal parts.

022 Adv Manual CNC Mill & Microcomputer Assisted Programming (3)
Prerequisite: None.
Lecture, 1 hour; laboratory, 5 hours.
Acquaints the advanced student with three and four axis CNC applications involving manufacturing planning, tooling design, tooling specification, CNC mill programs employing full 3-axis positioning and implementation of programs using HAAS mill equipment in the CNC lab. Students will learn and practice microcomputer assisted part programming of CNC mill using Fanuc, Haas and Yasnac controls.

023 Computer Aided Manufacturing Programming of CNC Equipment (3)
Prerequisite: None.
Lecture, 2 hours; laboratory 4 hours.
Advance programming with MasterCAM. Computer Numerical Control (CNC) programming with Computer Aided Manufacturing (CAM) software. Students will learn to create part geometry and to generate tool paths on PC based equipment.

911-921-931-941 Cooperative Education - Numerical Control (1-4)
Numerical Control is approved for Cooperative Education, Work Experience, and Internships. See Cooperative Education, page 102, for prerequisite, course description and credit limits.

DURING THE FALL AND SPRING SEMESTERS, STUDENTS SHALL BE ENROLLED IN AT LEAST ONE ADDITIONAL COURSE IN A U.S. REGIONALLY ACCREDITED INSTITUTION.

NURSING SCIENCE (NRSCE)

101 Introduction to Nursing (3.5) CSU
Prerequisites: ENGLISH 101, PHYSIOL 001, MICRO 020 (must have High School Chemistry or College Chemistry), ANATOMY 001, PSYCH 001 and PSYCH 041 with grades of C or better.
Lecture, 1 hour; laboratory, 7.5 hours.
This course introduces the student to the Philosophy of Nursing, Nursing History, Professional Standards, Evidence-Based Practice, Legal and Ethical Issues in Nursing, Maslow's Hierarchy of Human Needs, and the Health Wellness continuum. Concurrent with the theory, the nursing student is introduced to patient-centered care with focus on spiritual-cultural diversity and basic skills in simulation lab/hospital setting.

102 Fundamentals of Nursing (3.5) CSU
Prerequisites: NRSCE 101 and NRSCE 103 with grades of C or better.
Lecture, 1 hour; laboratory, 7.5 hours.
This entry-level nursing course integrates the components of theory, clinical and simulation that focus on evidence-based, patient-centered nursing care of the medical-surgical adult patients with basic needs in acute and long-term care settings. Emphasis will be placed on assessment of risk factors affecting patients' health and wellness. Students will begin to utilize the nursing process and begin to integrate Maslow's Hierarchy of Human Needs concepts to assess and analyze the needs of patients to formulate and organize a plan of care. Pharmacological principles specific to basic medical/surgical patients are discussed. The course builds upon concepts introduced in Nursing Science 101 and Nursing Science 103; professional standards, patient advocacy, spiritual-cultural diversity, legal/ethical issues, effective communication and collaboration with members of the healthcare team will be discussed.

103 Nursing Process (1) CSU
Prerequisites: ENGLISH 101, PHYSIOL 001, MICRO 020 (must have High School Chemistry or College Chemistry), ANATOMY 001, MATH 115, PSYCH 001 and PSYCH 041 with grades of C or better. Students placed into a transfer level math course will have met the math requirement.
Lecture, 1 hour.
This course introduces the student to the components of the nursing process: assessment, nursing diagnosis, planning, implementation and evaluation. Course concepts include Maslow's Hierarchy of Human Needs and the utilization of critical thinking to enable the student to apply the nursing process to develop a plan of care.

104 Nursing Communication (1) CSU
Prerequisites: NRSCE 101 and NRSCE 103 with grades of C or better.
Lecture, 1 hour.
This course introduces the student to the elements of the communication process and how communication between the nurse, health care team and patient/family may be affected by culture, gender and developmental level. Content includes: therapeutic and non-therapeutic communication.

105 Nursing Pharmacology (2) CSU
Prerequisites: ENGLISH 101, PHYSIOL 001, MICRO 020 (must have High School Chemistry or College Chemistry), ANATOMY 001, MATH 115, PSYCH 001 and PSYCH 041 with grades of C or better. Students placed into a transfer level math course will have met the math requirement.
Lecture, 1.5 hours; laboratory, 1.5 hours.
This course introduces the student to concepts related to pharmacological therapy and its effects on the human body. Pharmacological principles of drug therapy, nursing implications and guidelines for safe medication administration are emphasized. The nursing process and patient teaching principles of medication administration are discussed.

106 Medical-Surgical Nursing I (5.5) CSU
Prerequisites: NRSCE 102, NRSCE 104, and NRSCE 105 with grades of C or better.
Lecture, 3 hours; laboratory, 7.5 hours.
This beginning level medical/surgical nursing course integrates the components of theory, clinical and simulation that focus on evidence-based patient centered nursing care of medical-surgical adult patients with chronic illness and needs within acute care and community-based settings. Emphasis will be placed on assessment of risk factors affecting patients' health and wellness. Students will implement the nursing process and integrate Maslow's Hierarchy of Human Needs concepts to assess, analyze and prioritize the needs of the adult with chronic illness. Pharmacological principles specific to chronically–ill patients will be discussed. The course builds upon concepts introduced in Nursing Science 101, Nursing Science 102, Nursing Science 103, Nursing Science 104 and Nursing Science 105. Professional standards, patient advocacy, spiritual-cultural diversity, legal/ethical issues and effective communication and collaboration with members of the healthcare team will also be discussed.

107 Medical-Surgical Nursing II (5.5) CSU
Prerequisites: NRSCE 106, NRSCE 109, and NRSCE 110 with grades of C or better.
Lecture, 3 hours; laboratory, 7.5 hours.
This intermediate level medical/surgical-nursing course integrates the components of theory, clinical and simulation that focus on evidence-based, patient-centered nursing care of multiple adult patients with acute illness and needs within a variety of health-care settings. Emphasis will be placed on assessment of risk factors affecting patient's health and wellness. Students will implement the Nursing Process and integrate Maslow's Hierarchy of Human Needs concepts to assess, analyze, prioritize, and plan the needs of the adult with acute illness to formulate, organize, implement and evaluate a plan of nursing care. Pharmacological principles specific to acutely-ill patients are discussed. This course builds upon concepts introduced in Nursing Science 106, Nursing Science 109 and Nursing Science110; professional standards patient advocacy, spiritual-cultural diversity, legal/ethical issues, and effective communication and collaboration with members of the healthcare team will also be discussed.

108 Medical-Surgical Nursing III (4) CSU
Prerequisites: NRSCE 107 and NRSCE 111 with grades of C or better.
Lecture, 2 hours; laboratory, 6 hours.
This advanced level medical/surgical-nursing course integrates the components of theory, clinical and simulation that focus on evidence-based, patient-centered nursing care of adult patients with complex illness and needs within a variety of health-care settings. Emphasis will be placed on assessment of risk factors affecting patient's health and wellness. Students will implement the Nursing Process and integrate Maslow's Hierarchy of Human Needs concepts to assess, analyze, prioritize, plan and evaluate needs of the adult patient with complex illness to formulate, organize, implement, evaluate and modify a plan of nursing care. Pharmacological principles specific to complex patients are discussed. The course builds upon concepts introduced in Nursing Science 107 and Nursing Science 111; professional standards, patient advocacy, spiritual-cultural diversity, legal/ethical, and effective communication and collaboration with members of the healthcare team will also be discussed.

109 Gerontology & Community Based Nursing (2.25) CSU
Prerequisites: NRSCE 105, NRSCE 102, and NRSCE 104 with grades of C or better.
Lecture, 1 hour; laboratory, 3.75 hours.
This course integrates the components of theory, clinical and simulation that focus on evidence-based, patient-centered nursing care of the older adult patient within acute care and community-based settings. Emphasis will be placed on the assessment of risk factors affecting older patient's health and wellness. Students will implement the nursing process and integrate Maslow's Hierarchy of Human Needs concepts to assess, analyze and prioritize the needs of the older adult with normal age-related changes and common age-related disorders to formulate, organize and implement a plan of nursing care. Pharmacological principles specific to older adult patients are discussed. The course builds upon concepts introduced in Nursing Science 101, Nursing Science 102, Nursing Science 103, Nursing Science 104 and Nursing Science 105; professional standards, patient advocacy, spiritual-cultural diversity, legal/ethical issues, and effective communication and collaboration with members of the healthcare team also will be discussed.

110 Psychiatric-Mental Health Nursing (3.25) CSU
Prerequisites: NRSCE 102, NRSCE 104, and NRSCE 105 with grades of C or better.
Lecture, 1.5 hours; laboratory, 5.25 hours.
This course integrates components of theory, clinical and simulation that focus on evidence-based, patient-centered nursing care of the patient with mental health needs and disorders within acute care and community based settings. Emphasis will be placed on the assessment of risk factors affecting patients health and wellness. Students will implement the nursing process and integrate Maslow's Hierarchy of Human Needs concepts to assess, analyze and prioritize the needs of the mental health patient to formulate, organize and implement a plan of nursing care. Pharmacological principles specific to patients with mental health disorders are discussed. The course builds upon concepts introduced in Nursing Science 101, Nursing Science 102, Nursing Science 103, Nursing Science 104 and Nursing Science 105; Professional standards, patient advocacy, spiritual-cultural diversity, legal/ethical issues, and effective communication and collaboration with members of the health care team will be discussed.

111 Reproductive Nursing and Womens Health (4) CSU
Prerequisites: NRSCE 106, NRSCE 109 and NRSCE 110 with grades of C or better.
Lecture, 2 hours; laboratory, 6 hours.
This course integrates the components of theory, clinical and simulation that focus on evidence -based, patient centered nursing care of patients in the Reproductive Nursing and Women's Health illness in acute care and community-based settings. Emphasis will be placed on assessment of risk factors affecting patient/family health and wellness. Students will implement the nursing process and integrate Maslow's Hierarchy of Human Needs concepts to assess, analyze, prioritize and plan the needs of patients with reproductive and women's health illness to formulate, organize and implement a plan of nursing care. Pharmacological principles specific to women's health patients will be discussed. This course builds upon concepts introduced in Nursing Science 106, Nursing Science 109 and Nursing Science 110; professional standards, patient advocacy, spiritual-cultural, legal/ethical issues and effective communication and collaboration with members of the health care team will also be discussed.

112 Care of Children and Family (4) CSU
Prerequisites: NRSCE 107 and NRSCE 111 with grades of C or better.
Lecture, 2 hours; laboratory, 6 hours.
This course integrates components of theory, clinical and simulation that focus on evidence-based, patient- centered nursing care of children and families in acute care and community based settings. Emphasis will be placed on assessment of risk factors affecting patient's health and wellness. Students will implement the nursing process and integrate Maslow's Hierarchy of Human Needs concepts to assess, analyze, prioritize, plan and evaluate needs of the care of children and families to formulate, organize, implement, evaluate and modify a plan of nursing care. Pharmacological principles specific to pediatric patients are discussed. The course builds upon concepts introduced in Nursing Science 107 and Nursing Science 111; professional standards, patient advocacy, spiritual-cultural diversity, legal/ethical, and effective communication and collaboration with the members of the healthcare team also will be discussed.

190 Teas Remediation Health Science Learning Center & Skills Laboratory (1)

Prerequisites: ANATOMY 001, PHYSIOL 001, MICRO 020, ENGLISH 101, PSYCH 001, PSYCH 041 with grades of C or better.
Laboratory, 3 hours.
This remediation course is designed to prepare unsuccessful pre-nursing students on the ATI TEAS examination. This self-paced course consists of a variety of face to face workshops, computer and video programs via web enhanced platforms to improve the TEAS results in the areas of Reading, Math, Science, and English and Language Usage. This course is offered on a "Pass-No Pass/Incomplete" basis.

STUDENTS MUST HAVE APPLIED TO THE NURSING PROGRAM AND OBTAIN A CUT SCORE OF 80 OR ABOVE FROM THE CHANCELLOR'S VALIDATION STUDY USED FOR ADMISSION AT THE LOS ANGELES VALLEY COLLEGE NURSING PROGRAM. THIS COURSE WILL HELP THE STUDENTS WHO WERE UNSUCCESSFUL IN THE CURRENT TEAS TEST TO PREPARE FOR THE TEAS EXAM.

200-1 First Semester Preparatory Health Science Learning Center & Skills Laboratory (1)

Prerequisites: ANATOMY 001, PHYSIOL 001, MICRO 020, PSYCH 001, PSYCH 041, ENGLISH 101, MATH 115 with grades of C or better.
Laboratory, 3 hours.
This course is designed for nursing students who are accepted in Los Angeles Valley College Nursing Program first semester intended to introduce basic nursing concepts. The information is presented through face to face workshops, a variety of computer and video programs via a web enhanced platform. This is a self-paced course and is offered on a 'Pass/ No Pass/Incomplete' basis.

STUDENT MUST BE ACCEPTED IN THE LAVC NURSING PROGRAM AND ENROLLED IN NS 101, NS 102, NS 103, NS 104 NS 105 TO TAKE THIS COURSE PRIOR TO THE FIRST SEMESTER OF THE NURSING PROGRAM.

200-2 Second Semester Preparatory Health Science Learning Center & Skills Laboratory (1)

Prerequisite: NRSCE 101, NRSCE 102, NRSCE 103, NRSCE 104 and NRSCE 105 with grades of C or better.
Laboratory, 3 hours.
This course is designed for nursing students enrolled in the Los Angeles Valley College Nursing Program second semester intended to assist the student to describe and analyze nursing concepts. The information is presented through face to face workshops, a variety of computer and video programs via a web enhanced platform. Additionally, students are provided low and high-fidelity patient care simulated scenarios and an actual clinical rotation (optional). This is a self-paced course and is offered on a 'Pass/No Pass/Incomplete basis.

STUDENTS MUST BE ENROLLED NS 106, 110, 109 TO TAKE THIS COURSE PRIOR TO THE SECOND SEMESTER OF THE NURSING PROGRAM.

200-3 Third Semester Preparatory Health Science Learning Center & Skills Laboratory (1)

Prerequisite: NRSCE 106, NRSCE 110 and NRSCE 109 with grades of C or better.
Laboratory, 3 hours.
This course is designed for nursing students enrolled in the Los Angeles Valley College Nursing Program third semester intended to assist the student to describe, analyze and apply nursing concepts. The information is presented through face to face workshops, a variety of computer and video programs via a web enhanced platform. Additionally, students are provided low and high-fidelity patient care simulated scenarios and an actual clinical rotation (optional). This is a self-paced course and is offered on a 'Pass/No Pass/Incomplete basis.

STUDENTS MUST BE ENROLLED IN NS 107 & NS 111 TO TAKE THIS COURSE PRIOR TO THE THIRD SEMESTER OF THE NURSING PROGRAM.

200-4 Fourth Semester Preparatory Health Science Learning Center & Skills Laboratory (1)

Prerequisite: NRSCE 107 and NRSCE 111 *with grades of C or better.*
Laboratory, 3 hours.
This course is designed for nursing students enrolled in the Los Angeles Valley College Nursing Program fourth semester intended to assist the student to describe, analyze, apply and evaluate nursing concepts. The information is presented through face to face workshops, a variety of computer and video programs via a web enhanced platform. Additionally, students are provided low and high-fidelity patient care simulated scenarios and an actual clinical rotation (optional). This is a self-paced course and is offered on a 'Pass/No Pass/Incomplete basis.

STUDENTS MUST BE ENROLLED IN NS 112 AND NS 108 TO TAKE THIS CLASS PRIOR TO THE FOURTH SEMESTER OF THE NURSING PROGRAM.

205 Nursing Science Program Remediation Health Science Learning Center (1)

Prerequisites: NRSCE 101 with a grade of C or better.
Laboratory, 3 hours.
This course is designed to prepare students requiring mandatory remediation of nursing science courses in preparation for re-admission to the nursing program. The individualized remedial plan will be developed by a course specific instructor to enhance nursing practice and/or patient care in a simulated health care environment and an actual clinical setting. The work consists of clinical rotations (48 hours mandatory), workshops, a variety of computer and/or video programs via web enhanced platforms to assist the learner to improve comprehension, synthesis, critical thinking skills, application of theory knowledge into clinical practice. This is a self-paced course offered on a "Pass/No Pass/Incomplete" basis.

STUDENTS THAT FAILED ANY OF THE NURSING PROGRAM COURSES ARE REQUIRED TO RE-ENROLL IN THE NURSING SCIENCE PROGRAM REMEDIATION HEALTH SCIENCE LEARNING CENTER AS PART OF THE MANDATORY REMEDIATION PLAN REQUIRED FOR RE-ADMISSION TO THE NURSING PROGRAM.

911 Cooperative Education-Nursing Science (1) CSU

Prerequisite: None.
Lecture, 1 hours.
Nursing Science is approved for Cooperative Education, Work Experience, and Internships. See listing under Cooperative Education.

DURING THE FALL AND SPRING SEMESTERS, STUDENTS SHALL BE ENROLLED IN AT LEAST ONE ADDITIONAL COURSE IN A U.S. REGIONALLY ACCREDITED INSTITUTION.

921 Cooperative Education - Nursing Science (1-2) CSU

Prerequisite: None.
Lecture, 2 hours.
Nursing is approved for Cooperative Education, Work Experience, and Internships. See listing under Cooperative Education.

DURING THE FALL AND SPRING SEMESTERS, STUDENTS SHALL BE ENROLLED IN AT LEAST ONE ADDITIONAL COURSE IN A U.S. REGIONALLY ACCREDITED INSTITUTION.

931 Cooperative Education-Nursing Science (3) CSU
Prerequisite: None.
Lecture, 3 hours.
Nursing Science is approved for Cooperative Education, Work Experience, and Internships. See listing under Cooperative Education. Cooperative Education is a work experience program involving the employer, the student-employee and the college to insure that the student receives on the job training and the unit credit for work experience or volunteer work/internship. Students must be employed or volunteering/interning in order to participate in program.

DURING THE FALL AND SPRING SEMESTERS, STUDENTS SHALL BE ENROLLED IN AT LEAST ONE ADDITIONAL COURSE IN A U.S. REGIONALLY ACCREDITED INSTITUTION.

941 Cooperative Education-Nursing Science (4) CSU
Prerequisite: None.
Lecture, 4 hours.
Nursing Science is approved for Cooperative Education, Work Experience, and Internships. See listing under Cooperative Education. Cooperative Education is a work experience program involving the employer, the student-employee and the college to insure that the student receives on the job training and the unit credit for work experience or volunteer work/internship. Students must be employed or volunteering/interning in order to participate in program.

DURING THE FALL AND SPRING SEMESTERS, STUDENTS SHALL BE ENROLLED IN AT LEAST ONE ADDITIONAL COURSE IN A U.S. REGIONALLY ACCREDITED INSTITUTION.

OCEANOGRAPHY (OCEANO)

001 Introduction to Oceanography (3) UC:CSU
Prerequisite: None.
Lecture, 3 hours.
This course provides an introduction to the geological, chemical, physical, and biological characteristics of the ocean. Topics covered include seafloor topography, waves, currents, the global ocean/atmosphere system, estuaries and wetlands, ocean resources, pollution, and the marine ecosystems. A field trip is offered for this course.

010 Physical Oceanography Laboratory (1) UC:CSU
Prerequisite: OCEANO 001 with a grade of C or better or concurrent enrollment.
Laboratory, 3 hours.
This laboratory course accompanies the Oceanography 1 lecture course. The course emphasizes the flow and transformations of water and energy into and out of the ocean, the physical and chemical properties of seawater, ocean circulation, interactions between the ocean and the other components of the Earth system, and the oceans' role in global climate change. A field trip is offered for this course.

PHILOSOPHY (PHILOS)

001 Introduction to Philosophy (3) UC:CSU ✪
Prerequisite: None.
Lecture, 3 hours.
Philosophy 1 is a survey of the fundamentals of philosophy, Western or Eastern, with selected philosophers or topics in the history of philosophy, theory of knowledge, metaphysics, ethics, philosophy of religion, and philosophy of science.

C-ID: PHIL 100

006 Logic in Practice (3) UC:CSU
Prerequisite: None.
Lecture, 3 hours.
This course is intended to introduce fundamental issues of logic, epistemology, rationality, argument, persuasion, and critical thinking, with examples of sound and unsound thinking, for analysis and debate. Topics will range from current public discourse to perennial political and philosophical issues.

009 Symbolic Logic I (3) UC:CSU
Prerequisite: None.
Lecture, 3 hours.
Philosophy 9 is an introduction to the basic concepts of symbolic logic. This introduction will include the Origin and Use of Formal and Symbolic Logic, Truth Functional Connectives and Validity, Truth Tables, Formal Deductive Proofs, and Natural Deduction Proofs in Predicate Logic.

C-ID: PHIL 210

012 History of Greek Philosophy (3) UC:CSU ✪
Prerequisite: None.
Lecture, 3 hours.
Philosophy 12 is a survey of the history of Greek Philosophy, including the Presocratics, Sophists, Socrates, Plato, and Aristotle. This course will cover traditional areas of philosophy including metaphysics, ontology, ethics, and political philosophy.

C-ID: PHIL 130

014 History of Modern European Philosophy (3) UC:CSU
Prerequisite: None.
Lecture, 3 hours.
This course is an introduction and survey of Modern European Philosophy. This course will trace the development of modern philosophical developments in fields such as epistemology, ethics, metaphysics, and political philosophy. As such this course will trace the development of epistemology from Rene Descartes through Immanuel Kant, the development of ethical thought from the beginning of the Enlightenment period through the German Idealists, and the development of political philosophy from Thomas Hobbes to Jean Jacques Rousseau. In addition, this course will investigate several of the most influential responses to these currents of modern thought. These responses may include Marxism, Pragmatism, Feminism, Existentialism, and Postmodernism.

C-ID: PHIL 140

020 Ethics (3) UC:CSU
Prerequisite: None.
Lecture, 3 hours.
The course 'Ethics' considers moral dilemmas, the justification and nature of moral values(meta-ethics), different historical ethical doctrines with their associated philosophers, theories about the good life, or the meaning and value of life, and a selection of contemporary moral issues. The moral issues considered may be of a personal nature (abortion) or involve political (race, gender), economic (class, corporations), or religious issues.

C-ID: PHIL 120

028 Environmental Ethics (3) UC:CSU
Prerequisite: None.
Lecture, 3 hours.
An ethical and political examination of the relationship between humans, non-human animals, and the environment. Topics include rights, obligations, moral status, and the ethics of food production and consumption.

030 Asian Philosophy (3) UC:CSU
Prerequisite: None.
Lecture, 3 hours.
Philosophy in the traditions of India and China, including countries of South, East, and Southeast Asia influenced by Indian and Chinese civilization. This covers philosophical schools such as Vedanta, Sankhya, Yoga, Confucianism, Taoism, and, in Buddhism, Zen, Tendai, and Tantrism.

031 Philosophy of Religion (3) UC:CSU
Prerequisite: None.
Lecture, 3 hours.
This is an introductory survey course covering philosophical considerations on the origin and nature of religious thought; the use of language in formulating religious statements; epistemological exploration of claims based on faith and on reason, noting their similarities and differences; and an introduction to the concept of God including arguments for and against God's existence.

035 Judaism, Christianity and Islam (3) UC:CSU
(Same as JEWISH 035)
Prerequisite: None.
Lecture, 3 hours.
A scholarly study of religion that explains the basic structure of religious belief and practice. It examines the cultural history and social aspects which influenced and shaped the growth and development of the western religions in order to encourage a desire to understand as a means of overcoming the destructive exchanges that frequently accompany religious discussion.

045 Philosophy of Labor (3) UC:CSU
Prerequisite: None.
Lecture, 3 hours.
This course is an introduction and survey of the basic philosophical theories and developments that have shaped our modern understanding of labor and its role in society. Topics will include, but will not be limited to: normative ethical theory, economic theory, marxist theory of value and alienation, critical theory, and philosophy of social movements.

PHOTOGRAPHY (PHOTO)

010 Beginning Photography (3) UC: CSU
Prerequisite: None.
Lecture, 2 hours; laboratory, 3 hours.
This is a basic course in the use of the camera to produce a photographic image through study of light, shadow, exposure and composition. This course in black and white photography focuses on how to photograph, transfer images to a computer; edit the images using industry standard software and create prints. Emphasis is placed on communicating fine art, commercial photography, and photojournalistic techniques and presents the history of photography and its place as an art in our society. Note: A 35mm and/or DSLR single lens reflex camera and various lab supplies may be required.

011 Advanced Photography (4) UC:CSU
Prerequisite: PHOTO 010 or PHOTO 101 with a grade of C or better.
Lecture, 3 hours; laboratory, 2 hours.
This course provides theory and practice of advanced photography techniques. Students will receive instruction in both traditional photography and digital imaging techniques with an emphasis on idea development, preparation and execution. Studio procedures, creative thinking and computer assisted image processing will also be emphasized.

015 Fundamentals of Portraiture (3) CSU
Corequisite: PHOTO 010 or PHOTO 101.
Lecture, 2 hours; laboratory, 3 hours.
This introductory course covers all aspects of portrait photography from traditional to modern techniques. Topics covered include environmental portraiture and studio portraits. The curriculum covers lighting ratios, lighting styles, subject, pose, exposure, and print presentation.

016 Fundamental Commercial Photography (3) CSU
Corequisite: PHOTO 010 or PHOTO 101 with a grade of C or better.
Lecture, 2 hours; laboratory, 3 hours.
This course covers professional studio techniques for small product photography intended for use in advertisements, illustrations, and commercials. Topics include professional medium and large format camera operation, hand-held light meters, studio strobe photography, studio setup, and lighting. Advanced laboratory techniques and digital photography are also discussed.

020 Beginning Photojournalism (4) UC:CSU
Prerequisite: PHOTO 101 with a grade of C or better.
Lecture, 3 hours; laboratory, 2 hours.
This course provides photography instruction for those interested in learning the skills necessary for making photographs for publication. Students will learn techniques for high impact digital capture, dynamic story telling as well as how to use their camera as a tool for social change. Emphasis is placed on digitally preparing photographs for both the Internet and print media.

NOTE: A DIGITAL SINGLE LENS REFLEX CAMERA IS REQUIRED.

021 News Photography (4) CSU
Prerequisite: PHOTO 020 with a grade of C or better.
Lecture, 3 hours, laboratory, 2 hours.
Students receive instruction in advanced photojournalism techniques and digital preparation of photographs for publication. Students work in a real-world environment where they are able to make photographs of sports events, news events, and photo essays with meaningful sociological impact. Emphasis is placed on portfolio development and the use of digital technology.

101 Beginning Digital Photography (3) UC:CSU
Prerequisite: None.
Lecture, 2 hours; laboratory, 3 hours.
This is a basic course in the use of the digital single lens reflex camera to produce a photographic image through study of light, shadow, exposure and composition. This course in digital photography recognizes that total artistic and creative control of the image comes not only through digital capture, but also through image processing and print making using Adobe Photoshop and gives instruction and practice in these skills. Presents the history of photography and its place as an art in our society.

NOTE: A DIGITAL SINGLE LENS REFLEX (DSLR) CAMERA AND VARIOUS SUPPLIES ARE REQUIRED.

102 Advanced Digital Photography (4) UC:CSU
Prerequisite: PHOTO 101 with a grade of C or better.
Lecture, 3 hours; laboratory, 3 hours.
Students will learn theory and practice of contemporary use of the camera; Includes expanded comprehension of exposure control with various light sources; Introduction to studio lighting and on camera flash exposure; Skills of photographic printing emphasized; An emphasis is also given to creative thinking and idea preparation and execution. Course will cover digital photography including image editing using Adobe Photoshop and Lightroom, printing methods and social media.

150 Portfolio Development (3) CSU
Prerequisite: PHOTO 010 or PHOTO 101 with a grade of C or better.
Recommended: CINEMA 107.
Lecture, 2 hours, laboratory, 3 hours.
This course addresses the process of building a photographic portfolio that meets the current professional industry standards for presenting work to potential employers and clients. Emphasis is placed on developing a personal style that displays a comprehensive understanding of photographic methods, genres, and presentation. Studio facilities and privileges are available to the student in support of this portfolio work. Assignments are designed by the student with instructor approval. Admission by interview only.

911-921-931-941 Cooperative Education - Photography (1-4) CSU
Photography is approved for Cooperative Work Experience Education credit. See Cooperative Education, page 102, for prerequisite, course description and credit limits.

DURING THE FALL AND SPRING SEMESTERS, STUDENTS SHALL BE ENROLLED IN AT LEAST ONE ADDITIONAL COURSE IN A U.S. REGIONALLY ACCREDITED INSTITUTION.

PHYSICAL EDUCATION (P.E. OR PHYS ED)

(See Kinesiology, Kinesiology Athletics, and Kinesiology Major)

PHYSICAL SCIENCE (PHYS SC)

001 Physical Science I (3) UC:CSU
Prerequisite: None.
Lecture, 3 hours.
Designed as general education for non-science majors or prospective elementary teachers, this course provides an introduction to the fundamental laws governing our physical universe. Students construct a meaningful understanding of the principles of physics, chemistry, astronomy and geology and how they help to understand the physical environment and modern technology.

NO UC CREDIT FOR PHY SCI 001 IF TAKEN AFTER A TRANSFERABLE COURSE IN ASTRONOMY, CHEMISTRY, GEOLOGY, OR PHYSICS.

004 Physical Science and Laboratory (4) UC:CSU
Prerequisite: None.
Lecture, 3 hours; laboratory 3.
Designed as a general education course for non-science majors or prospective or practicing elementary teachers, this course provides an introduction to the fundamental laws governing our physical universe. Through lecture and laboratory activities, students construct a meaningful understanding of the principles of physics, chemistry, astronomy and geology concepts and how they help to understand the physical environment and modern technology. This course will replace Physical Science 1 and Physical Science 14.

014 Physical Science Laboratory (1) UC:CSU
Prerequisite: PHYS SC 001 with a grade of C or better, or concurrent enrollment.
Laboratory, 2 hours.
Designed for the non-science major, this course provides an introduction to the laboratory methods and skills used in physical science. Through experiment, students will visualize and apply basic concepts in physics, chemistry, astronomy, and geology.

PHYSICS (PHYSICS)

005 Allied Health Physics (3) CSU
Prerequisite: None.
Recommended: MATH 115.
Lecture, 3 hours.
Designed for respiratory therapy majors, this course is a specialized course designed to integrate selected physical principles and concepts as an essential part of the working knowledge of health care personnel. Throughout the course, emphasis will be placed on the utilization of the scientific method in health care situations. Major topics covered include motion, force, pressure, heat, light and sound.

006 General Physics I (4) UC:CSU
Prerequisite: MATH 240 or MATH 259 with a grade of C or better.
Lecture/demonstration, 3 hours; laboratory, 3 hours.
Physics 6 is the first semester of a two-semester, trigonometry-level sequence in general physics. This course covers topics in mechanics, heat and sound. Problem solving is an integral part of the course. Students majoring in Physics, Engineering or Chemistry should take Physics 37, 38, and 39. Life Science majors requiring a year of calculus-based physics should take Phys 66 and 67.

MAXIMUM UC CREDIT FOR PHYSICS 006, 007 AND 037, 038, 039 AND 066 AND 067 COMBINED: MAXIMUM CREDIT: ONE SERIES.

C-ID: PHYS 105

007 General Physics II (4) UC:CSU
Prerequisite: PHYSICS 006 with a grade of C or better.
Lecture/demonstration, 3 hours; laboratory, 3 hours.
Physics 7 is the second semester of a two-semester, trigonometry-level sequence in general physics. This course covers topics in electricity, magnetism, optics, and modern physics. Problem solving is an integral part of the course. Students majoring in Physics, Engineering or Chemistry should take Physics 37, 38, and 39. Life Science majors requiring a year of calculus-based physics should take Phys 66 and 67.

MAXIMUM UC CREDIT FOR PHYSICS 006, 007 AND 037, 038, 039 AND 066 AND 067 COMBINED: MAXIMUM CREDIT: ONE SERIES.

C-ID: PHYS 110

037 Physics for Engineers and Scientists I (5) UC:CSU
Prerequisite: MATH 261 or MATH 265 with a grade of C or better.
Lecture, 4 hours; laboratory, 3 hours.
Physics 37 is the first semester of a three semester calculus-level sequence in introductory college Physics. Topics include kinematics, vectors, laws of motion, work, energy, linear momentum, rotational motion, statics, universal gravitation, and fluid dynamics.

MAXIMUM UC CREDIT FOR PHYSICS 006, 007 AND 037, 038, 039 AND 066 AND 067 COMBINED: MAXIMUM CREDIT: ONE SERIES.

C-ID: PHYS 205

038 Physics for Engineers and Scientists II (5) UC:CSU
Prerequisite: PHYSICS 037; and MATH 262 or MATH 266 with a grade of C or better.
Recommended: MATH 263 or MATH 267.
Lecture, 4 hours; laboratory, 3 hours.
Physics 38 is the second semester of a three semester calculus-level sequence in introductory college Physics. Topics include electric charge, electric fields, electric current, DC circuits, magnetism, electromagnetic induction, electromagnetic oscillations, AC circuits, and Maxwell's Equations. Concurrent enrollment in Math 263 or Math 267 or completion of the Calculus course sequence is recommended before taking this class.

MAXIMUM UC CREDIT FOR PHYSICS 006, 007 AND 037, 038, 039 AND 066 AND 067 COMBINED: MAXIMUM CREDIT: ONE SERIES.

C-ID: PHYS 210

039 Physics for Engineers and Scientists III (5) UC:CSU
Prerequisite: PHYSICS 037 and MATH 262 or MATH 266 with grades of C or better.
Recommended: MATH 263 or MATH 267.
Lecture, 4 hours; laboratory, 3 hours.
Physics 39 is the third semester of a three semester calculus-level sequence in introductory college Physics. Topics include oscillations, waves, sound, thermodynamics, optics, special relativity, early quantum theory, quantum mechanics and models of the atom.

MAXIMUM UC CREDIT FOR PHYSICS 006, 007 AND 037, 038, 039 AND 066 AND 067 COMBINED: MAXIMUM CREDIT: ONE SERIES.

C-ID: PHYS 215

066 Physics with Calculus for Life Science Majors I (5) UC:CSU

Prerequisite: MATH 240 or 259 with a grade of C or better.
Corequisite: MATH 261 or MATH 265.
Lecture, 3 hours; laboratory, 6 hours.
Designed for life science majors, Physics 66 is the first semester of a two semester calculus-level sequence in introductory college Physics. Topics include classical mechanics, energy and energy transfer, momentum, rotational motion, oscillatory motion, mechanical waves and thermodynamics. Lab sessions include quantitative and qualitative experiments and structured problems solving strategies through tutorials and conceptual activities.

MAXIMUM UC CREDIT FOR PHYSICS 006, 007 AND 037, 038, 039 AND 066 AND 067 COMBINED: MAXIMUM CREDIT: ONE SERIES.

C-ID: PHYS 105

067 Physics with Calculus for Life Science Majors II (5) UC:CSU

Prerequisite: PHYSICS 066; and MATH 265 or MATH 261 with grades of C or better.
Lecture, 3 hours; laboratory, 6 hours.
Designed for life science majors, Physics 67 is the second semester of a two semester calculus-level sequence in introductory college Physics. Topics include electricity and magnetism, electromagnetic waves, geometric optics, wave optics, relativity, quantum physics, atomic physics and nuclear physics. Lab sessions include quantitative and qualitative experiments and structured problems solving strategies through tutorials and conceptual activities.

MAXIMUM UC CREDIT FOR PHYSICS 006, 007 AND 037, 038, 039 AND 066 AND 067 COMBINED: MAXIMUM CREDIT: ONE SERIES.

C-ID: PHYS 110

185 Direct Study - Physics (1) CSU

Prerequisite: None.
Lecture, 1 hour.
Students will study Physics on a contract basis under the direction of a supervising instructor.

285 Direct Study - Physics (2) CSU

Prerequisite: None.
Lecture, 2 hours.
Students will study Physics on a contract basis under the direction of a supervising instructor.

385 Direct Study - Physics (3) CSU

Prerequisite: None.
Lecture, 3 hours.
Students will study Physics on a contract basis under the direction of a supervising instructor.

PHYSIOLOGY (PHYSIOL)

001 Introduction to Human Physiology (4) UC:CSU

Note: Not open for credit to students who have had PHYSIOL 008 and 009.
Prerequisite: BIOLOGY 003 or 005 or 006 or MICRO 020; and ANATOMY 001; and CHEM 051 or 068 or 060 with grades of C or better.
Recommended: E.S.L. 008, or self-placement into ENGLISH 101 or E.S.L. 110; and MATH 114, MATH 115, or self-placement into MATH 125.
Lecture, 3 hours; laboratory, 3 hours.
This course examines the function of cells, tissues, and organs of these human systems: integumentary, skeletal, muscular, nervous, circulatory, respiratory, digestive, urinary, endocrine, lymphatic/immune, and reproductive. Laboratory activities explore major physiological principles.

MAXIMUM UC CREDIT FOR ANY COMBINATION OF ANATOMY 001, PHYSIOL 001, 008 OR 009 IS 8 UNITS.

C-ID: BIOL 120B

POLITICAL SCIENCE (POL SCI)

Note: State law imposes on all California State Universities certain graduation requirements in the areas of U.S. History, U.S. Constitution, and state and local government. Courses meeting these requirements for the state universities are listed in the TRANSFER REQUIREMENTS section.

If you took a Political Science course outside of California, see a counselor to make certain you meet the California state and local government graduation requirements.

001 The Government of the United States (3) UC:CSU ✪

Prerequisite: None.
Recommended: Self-placement into ENGLISH 101 or E.S.L. 110.
Lecture, 3 hours.
This is an introductory course about the U.S. political system. The course incorporates the theory, structure, and functions of the national, state, and local governments. The course emphasizes political parties, interest groups, and the roles and functions of state and national institutions. This course fulfills the state graduation requirement in the U.S. Constitution and state and local governments.

C-ID: POLS 110

002 Introduction to Comparative Politics (3) UC:CSU

Prerequisite: None.
Recommended: Self-placement into ENGLISH 101 or E.S.L. 110.
Lecture, 3 hours.
This course examines the politics, policies, and governments of the modern world in terms of their institutions, ideologies, political habits and foreign policies. Emphasis is placed on the governments of Great Britain, France and Germany.

C-ID: POLS 130

005 The History of Western Political Thought (3) UC:CSU ✪

Prerequisite: None.
Recommended: Self-placement into ENGLISH 101 or E.S.L. 110.
Lecture, 3 hours.
This course offers an introduction to the most important political theories and ideas from the time of the ancient Greeks to the present day. The course explores the various relationships and connections that exist between political theory and political practice.

C-ID: POLS 120

007 Contemporary World Affairs (3) UC:CSU

Prerequisite: None.
Recommended: Self-placement into ENGLISH 101 or E.S.L. 110.
Lecture, 3 hours.
This course studies the relationships among modern nation-states, emphasizing the nation-state system, international diplomacy, international law, and international organizations. The course examines the causes, consequences, and methods of resolving international conflicts as well as the impact of internal economic, political, and military factors on foreign policy.

C-ID: POLS 140

385 Directed Study - Political Science (3) CSU

Lecture, 3 hours.
This course allows students to pursue Directed Study in Political Science on a contract basis under the direction of a supervising instructor.

PSYCHOLOGY (PSYCH)

001 General Psychology I (3) UC:CSU ✪
Prerequisite: None.
Recommended: Self-placement into ENGLISH 101 or E.S.L. 110.
Lecture, 3 hours.
This course is an introduction to the scientific study of behavior and mental processes, incorporating theories, concepts, and research findings. Topics include the biological bases of behavior, gender and sexuality, human development, cognition and intelligence, consciousness, learning, memory, motivation and emotion, personality, social psychology, psychological disorders, therapeutic treatments, and applied psychology.

C-ID: PSY 110

002 Biological Psychology (3) UC:CSU ✪
Prerequisite: PSYCH 001 with a C or better.
Recommended: Self-placement into ENGLISH 101 or E.S.L. 110.
Lecture, 3 hours.
This course introduces the scientific study of the biological foundation for behavior and its fundamental role in the neurosciences. Students will examine the physiological, hormonal, and neurochemical mechanisms of brain-behavior relationships. The psychological phenomena of sensation, perception, regulatory processes, emotion, learning, memory, and psychological disorders will be addressed. This course also explores historic scientific contributions and current research principles for studying brain-behavior relationships and mental processes, including ethical standards for research.

C-ID: PSY 150

003 Personality and Social Development (3) CSU
Prerequisite: None.
Recommended: Self-placement into ENGLISH 101 or E.S.L. 110.
Lecture, 3 hours.
This course is designed with an applied focus for students interested in how psychology is used in everyday life and is related to other social sciences. The course surveys different psychological perspectives and theoretical foundations and how these are applied across a person's life taking into account the influence of factors such as culture, gender, ethnicity, historical cohort, and socio-economic status. A broad understanding of how scientists, clinicians, and practitioners study and apply psychology is emphasized.

011 Child Psychology (3) UC:CSU ✪
Prerequisite: PSYCH 001 with a grade of C or better.
Recommended: Self-placement into ENGLISH 101 or E.S.L. 110.
Lecture, 3 hours.
This course examines the major physical, psychosocial, and cognitive/language developmental milestones for children, both typical and atypical, from conception through adolescence. There will be an emphasis on interactions between maturational processes and environmental factors. While studying developmental theory and investigative research methodologies, students will evaluate individual differences and analyze characteristics of development at various stages.

012 Adolescent Psychology (3) UC:CSU
Prerequisite: PSYCH 001 with a grade of C or better.
Recommended: Self-placement into ENGLISH 101 or E.S.L. 110.
Offered Spring semester only.
Lecture, 3 hours.
This course covers physical, social, emotional and cognitive development of adolescents including male/female roles and stereotypes, cross cultural differences in adolescence, and psychological needs of the period and how they may be met. Lectures introduce major theories and research strategies in adolescent development and integrates applied aspects such as parent-adolescent conflict and adolescent substance use.

013 Social Psychology (3) UC:CSU ✪
Prerequisite: PSYCH 001 with a grade of C or better.
Recommended: Self-placement into ENGLISH 101 or E.S.L. 110.
Lecture, 3 hours.
This course considers individual human behavior in relation to the social environment. The power of the situation, other individuals, and the social group will be examined. Emphasized topics include: aggression, prejudice and stereotypes, interpersonal relationships, attitudes and attitude change, the psychology of conformity, group phenomena, gender roles, cultural norms, person perception, and social cognition.

014 Abnormal Psychology (3) UC:CSU ✪
Prerequisite: PSYCH 001 with a grade of C or better.
Recommended: E.S.L. 008 or self-placement into ENGLISH 101 or E.S.L. 110.
Lecture, 3 hours.
This course considers the major diagnostic, etiologic, and treatment issues for a variety of categories of abnormal behavior and psychological disorders. The course examines disorders related to anxiety, stress, mood, schizophrenia, eating, substance abuse, memory and organic dysfunctions, and personality. Social, cultural, legal and ethical issues of psychopathology are included.

017 The Exceptional Child (3) CSU
Prerequisite: PSYCH 001 with a grade of C or better. Offered Fall semester only.
Recommended: Self-placement into ENGLISH 101 or E.S.L. 110.
Lecture, 3 hours.
This course offers students an opportunity to study children who do not follow the normal developmental process, such as autism spectrum, physical disability, intellectual disability, gifted, neurological and sensory impaired, emotional or behavioral disorders, and children with communication disorders. The course materials include definitions, classifications, causes, classroom practices and transition to adulthood.

029 Multicultural Psychology (3) CSU
Prerequisite: None.
Lecture, 3 hours.
This course examines multicultural influences on biological, emotional, social, and intellectual development among people of various backgrounds, including African Americans, Latinx Americans, Asian Pacific Americans, and Native Americans. The experiences of immigrants and refugees, ethnic minorities, disabled people, and lesbian, gay, bisexual and transgender people are discussed. Students will gain an understanding of how race, ethnicity, and culture shape their own behavior, beliefs, interactions, and expectations, and those of the people around them.

032 Psychology of Women (3) UC:CSU
Prerequisite: None.
Recommended: E.S.L. 008.
Lecture, 3 hours.
This course focuses on psychological issues related to women. Topics include social construction of gender and gender identity development. The effect of gender stereotypes and gender role expectations on school, work, family, and relationships are discussed. Gender differences in cognitive abilities, social and personality characteristics, and communication styles are also covered. Cultural influences on gender are integrated throughout the course.

041 Life-Span Psychology: From Infancy to Old Age (3) UC:CSU
Prerequisite: PSYCH 001 with a grade of C or better.
Recommended: Self-placement into ENGLISH 101 or E.S.L. 110.
Lecture, 3 hours.
This course provides an overview, from a psychological perspective, of human development from conception through death, including biological and environmental influences. Theories and research of physical, cognitive, personality, and social development are examined, as well as attention to developmental problems.

052 Psychological Aspects of Human Sexuality (3) UC:CSU
Prerequisite: None.
Lecture, 3 hours.
This course explores human sexuality from a psychological perspective. Topics include sexual anatomy, sexual behaviors, sexual arousal and response, gender identity, sexual orientation, love and attraction, relationships and communication, pregnancy, contraception and pregnancy options, sexually transmitted infections, sexual concerns and disorders, and sexual abuse and coercion.

060 Stress Management (3) CSU
Prerequisite: None.
Recommended: Self-placement into ENGLISH 101 or E.S.L. 110.
Lecture, 3 hours.
This course examines how stress influences our lives. Course topics include stress reduction, relaxation techniques, time management, stress management, psychophysiological factors, the roles of health, exercise and nutrition, and occupational, personal, and age-related stress issues.

074 Research Methods In The Behavioral Sciences (3) UC:CSU
Prerequisite: PSYCH 001; and STAT 101 or MATH 227 with grades of a C or better.
Recommended: Self-placement into ENGLISH 101 or E.S.L. 110.
Lecture, 3 hours.
This course surveys various psychological research methods with an emphasis on research design, experimental procedures, descriptive methods, instrumentation, and the collection, analysis, interpretation, and reporting of research data. Research design and methodology will be examined through a review of research in a variety of the subdisciplines of psychology.
C-ID: PSY 200

075 Health Psychology (3) UC:CSU
Prerequisite: PSYCH 001 with a grade of C or better.
Recommended: E.S.L. 008.
Lecture, 3 hours.
This course examines psychological influences on health and illness. Topics include health promoting behaviors; coping with stress and resiliency; patient-provider communication; pain and chronic health management; advanced and terminal illnesses; high frequency chronic disorders; and psychoneuroimmunology and immune related disorders.

090 Introduction to Counseling (3) CSU
Prerequisite: PSYCH 001 with a grade of C or better.
Recommended: E.S.L. 008.
Lecture, 3 hours.
This course examines various counseling styles and techniques, and theoretical foundations. Students will develop skills in the understanding of developmental, non-directive, psychodynamic, transactional and other approaches to individual and group counseling. The characteristics of a workable counseling and guidance program and the techniques used to collect, record, interpret, and use guidance data will be examined. The nature, purpose, objectives, and approaches to counseling in health, welfare, social service and rehabilitation agencies will be discussed.

READING

(See Developmental Communication)

REAL ESTATE (REAL ES)

001 Real Estate Principles (3) CSU
Prerequisite: None.
Lecture, 3 hours.
Real estate principles provides a basic overview of the fundamentals of real estate, as well as, the background and terminology necessary for advanced study in specialized courses. This course must be completed prior to taking the real estate salesperson's licensing exam and is applicable toward the mandatory educational requirements for the sales license.

003 Real Estate Practices (3) CSU
Prerequisite: None.
Lecture, 3 hours.
This course deals with the day-to-day operations in real estate brokerage, including listing, prospecting, advertising, financing, sales techniques, escrow and ethics. It applies toward mandatory requirement for the brokers license.

005 Legal Aspects of Real Estate I (3) CSU
Prerequisite: None.
Lecture, 3 hours.
This is a study of real estate law including rights incident to property ownership and management, agency, contracts and their application to real estate transfer, conveyancing, probate proceedings, trust deeds, and foreclosures; recent legislation governing real estate transactions. The course applies to the mandatory educational requirements for California real estate broker examination.

007 Real Estate Finance I (3) CSU
Prerequisite: REAL ES 001 or REAL ES 003 with a grade of C or better, or concurrent enrollment.
Lecture, 3 hours.
This course covers the analysis of real estate financing, including lending policies and problems in financing residential, apartment, commercial and special purchase properties. Methods and sources of financing are emphasized. This course satisfies the California Bureau of Real Estate mandatory education requirement for the real estate brokers examination.

009 Real Estate Appraisal I (3) CSU
Prerequisite: REAL ES 001 with a grade of C or better.
Lecture, 3 hours.
This is an introductory course covering the purposes of appraisals, the appraisal process and the different approaches, as well as methods and techniques used to determine the value of various types of real estate. Emphasis is on residential and single unit property. This course satisfies the California Bureau of Real Estate mandatory education requirement for the real estate brokers examination.

014 Property Management (3) CSU
Prerequisite: None.
Lecture, 3 hours.
This is a course in the management of income producing properties, including residential, retail, offices, and industrial. The various kinds of income properties are analyzed, along with their management requirements including leasing, collections, tenant selection, record keeping, financial statements, fair housing laws, evictions, maintenance, liability issues, and the economics of selecting a particular type of property for investment. An emphasis is also placed on sustainable environmental policies that may be put into place by management.

021 Real Estate Economics (3) CSU
Prerequisite: REAL ES 001 or REAL ES 007 with a grade of C or better, or concurrent enrollment.
Lecture, 3 hours.
This course covers the fundamentals of economic trends and factors which affect the real estate market. Topics include urban structural relationships, real estate market analysis, supply and demand, economic forecasting, land use theory and problems of sub-division. Also studied is the government's role in the economy and its influence upon the real estate market including the federal reserve system, taxation and land use controls including zoning, planning and fair housing legislation. This course satisfies the California Bureau of Real Estate mandatory education requirement for the real estate brokers examination.

911-921-931-941 Cooperative Education - Real Estate (1-4) CSU
Real Estate is approved for Cooperative Work Experience Education credit. See Cooperative Education, page 102, for prerequisite, course description and credit limits.

DURING THE FALL AND SPRING SEMESTERS, STUDENTS SHALL BE ENROLLED IN AT LEAST ONE ADDITIONAL COURSE IN A U.S. REGIONALLY ACCREDITED INSTITUTION.

RECREATION (RECR)

081 Field Work I (4) CSU
Prerequisite: None.
Lecture, 1 hour; field work, 6 hours.
This course provides the opportunity to earn course credit for practical experience and techniques learned as a recreation aide, camp counselor or intern, working in a recreational agency or program. The course places an emphasis on the development of outdoor leadership skills.

082 Field Work II (4) CSU
Prerequisite: None.
Lecture, 1 hour; field work, 6 hours.
This course provides the opportunity to earn course credit for practical experience and techniques learned in an internship with a recreational agency or program. The student is entrusted with responsibility for planning, conducting and evaluating activities while under the supervision of qualified personnel.

083 Field Work III (4) CSU
Prerequisite: None.
Lecture, 1 hour; field work, 6 hours.
This course provides the opportunity to earn course credit for practical administrative experience and techniques learned through an internship in a recreational agency or program. The student is entrusted with responsibility to supervise recreation aides and/or group leaders, while under the direction of qualified personnel.

RESPIRATORY THERAPY (RESP TH)

Enrollment in all classes listed below except RESP TH 001 and RESP TH 002 limited to students enrolled in the Respiratory Therapy Phase II program. All transcripts outside of LACCD must be submitted by November 1st to validate corequisites in RESP TH 002 to be considered for the acceptance pool. In the event that there are more applicants than clinical space available, enrollment into the clinical internship will be determined by active application date to LAVC.

(Students must be formally admitted to Phase II, the clinical phase of the Respiratory Therapy program which includes RESP TH 003, 004, 005, 006, 007, 008, 011, 015, and 023. Consult the Health Science Department for details.) For more information on the RT Program Application Process and Phase II requirements see pages 95-96.

001 Introduction to Respiratory Therapy (1)
Prerequisite: None.
(Offered in Fall and Spring Semesters)
Lecture, 1 hour.
Students will be introduced to the Respiratory Therapy program and the profession of respiratory therapy with emphasis on the duties, responsibilities, and qualifications of a respiratory therapist. This includes an introduction of current respiratory therapies and equipment used for patient treatment and assessment. This course is also an introduction to the Respiratory Therapy program including the schedule of courses, requirements, and expectations to be successful in completing an Associates of Science degree in Respiratory Therapy.

002 Fundamentals of Respiratory Therapy (4)
Corequisites: ANATOMY 001 and PHYSIOL 001; CHEM 051; MICRO 020; PHYSICS 005 and RESP TH 001.
Lecture, 3 hours; laboratory, 3 hours.
This course covers the fundamentals of respiratory therapy theory, application, and equipment. This final phase 1 respiratory course includes lecture presentations and laboratory experiments using typical respiratory equipment. This lecture and laboratory experiments will include using applied physics theories such as gas laws and fluidics to explain and demonstrate the principles of operation and therapeutic objectives of typical respiratory equipment. Students will submit applications to Phase 2 of the Respiratory Therapy program while enrolled in RT 2.

003 Applications of Respiratory Therapy & Clinical Experience I (5)
Prerequisite: RESP TH 006 and RESP TH 015 with grades of C or better.
Offered only in the Summer semester.
Lecture, 1 hour; laboratory, 12 hours.
This course includes lecture, laboratory and clinical instruction in current respiratory therapies. This is the 2nd clinical rotation to the hospital with an emphasis on routine treatments. The students will be evaluated for competency in the application of respiratory therapies including clinical assessment, airway clearance, Lung expansion, pharmacology, and airway management in the laboratory and clinical setting. The acute treatment and clinical assessment of the respiratory patient are explained in detail and case presentations are discussed.

004 Applications of Respiratory Therapy & Clinical Experience II (5)
Prerequisite: RESP TH 003 and RESP TH 006 with grades of C or better.
Corequisite: RESP TH 007.
Offered only in the Fall semester.
Laboratory, 15 hours.
This course includes laboratory and clinical instruction in mechanical ventilation management and assessment. This is the 3rd clinical rotation with an emphasis on critical care and ventilator patients. The students will be evaluated for competency in applying current ventilator management and assessment skills in the laboratory and clinical setting. Invasive and noninvasive ventilation management, indications, parameters, terminology, strategies, weaning techniques, and hazards are presented. The acute treatment and clinical assessment of critical care ventilator patients are explained in detail and case presentations are discussed.

005 Application of Respiratory Therapy & Clinical Experience III (5)
Prerequisites: RESP TH 004 and 007 with grades of C or better.
Offered only in the Spring semester.
Laboratory, 15 hours.
This course includes laboratory and clinical instruction in neonatal respiratory care. This is the 4th clinical rotation with an emphasis on critical care and an introduction to NICU's. Students will be evaluated for competency in neonatal respiratory management and assessment in the laboratory and clinical setting. Course material includes neonatal assessment, ventilator and airway management, ECMO, Nitric oxide and surfactant therapies. This course also includes certification in Neonatal Resuscitation (American Academy of Pediatrics). The acute treatment and clinical assessment of the critical care neonatal and pediatric are explained in detail and case presentations are discussed.

006 Respiratory Physiology (4)
Prerequisites: RESP TH 001 and 002 with grades of C or better.
Corequisites: RESP TH 015.
Offered only in the Spring semester.
Lecture, 3 hours; laboratory, 3 hours.
Cardiopulmonary physiology is presented in detail. The material covered includes perfusion, ventilation, diffusion, anatomy, cardiopulmonary circulation, transport of blood gases and their determination, and acid-base balance. These topics will be presented and discussed in lecture and laboratory and include case study presentations.

007 Applied Medicine and Pathology (3)
Prerequisite: RESP TH 003 and 006 with grades of C or better.
Corequisites: RESP TH 004.
Offered only in the Fall semester.
Lecture, 2 hours; laboratory, 3 hours.
This course covers the advanced physiology and pathology necessary to understand the assessment of the patient and the treatment of common cardiopulmonary diseases. Using evidence based medicine principles a patient's pathophysiological state will be discussed. The management of diseases such as asthma, COPD, ARDS, sleep disorders, pediatric disorders, lung cancer, cardiovascular disease, lung injury, and communicable respiratory diseases will be presented and explained in detail in lecture and laboratory and include case study presentations and discussions.

008 Administrative Procedures of Respiratory Therapy (1)
Prerequisite: RESP TH 003 with grades of C or better.
Offered only in the Fall semester.
Lecture, 1 hour.
This class acquaints the student with the principles and practices involved in the supervision of a respiratory therapy department.

011 Application of Respiratory Therapy & Clinical Experience IV (5)
Prerequisite: RESP TH 004 and 007 with grades of C or better.
Offered only in the Spring semester.
Laboratory, 15 hours.
This course includes laboratory and clinical instruction in the total assessment and treatment of the respiratory patient. This is the 5th and final clinical rotation. Students will be evaluated for competency in applying comprehensive respiratory patient assessment, education, and management in the laboratory and clinical setting. This course also presents pulmonary function, EKG's, arterial blood gas laboratory testing as well as patient education, Pulmonary Rehabilitation and home care. This course also covers advanced resuscitation skills & assessment for adult and pediatric patients to prepare students for Advanced Cardiac Life Support (ACLS)t & Pediatric Advanced Life Support (PALS) certification courses. The acute treatments and clinical assessments of the critical care, rehabilitation and home care respiratory patients are explained in detail and case presentations are discussed.

015 Introduction to Clinical Experience (4)
Prerequisite: RESP TH 001 and 002 and PSYCH 001 all with grades of C or better.
Corequisite: RESP TH 006.
Offered only in the Spring semester.
Laboratory, 12 hours.
This first Phase 2 respiratory course provides laboratory and clinical instruction and experience to introduce the student to the actual duties & responsibilities of a respiratory therapist. This 1st clinical rotation will introduce the students to the hospital environment. Students will be evaluated for competency in application and assessment of infection control,clinical assessment, humidity, aerosol, and oxygen therapy in the laboratory and clinical setting. Medical ethics, Privacy/HIPAA, patient rights, sterilizations methods, medical gas and aerosol therapies are explained in detail and case presentations are discussed.

023 Advanced Respiratory Pathophysiology (1) CSU
Prerequisite: RESP TH 003 and 006 with grades of C or better.
Corequisite: RESP TH 004 and 007.
Lecture, 1 hour.
The advanced pathology, diagnosis, and treatment of the common diseases and disorders of the cardiovascular and neuromuscular systems are presented in detail. Techniques of laboratory evaluation and specific monitoring methods using case studies and clinical simulations are presented and discussed.

911-921-931-941 Cooperative Education - Respiratory Therapy (1-4) CSU
Respiratory Therapy is approved for Cooperative Work Experience Education credit. See Cooperative Education, page 102, for prerequisite, course description and credit limits.

DURING THE FALL AND SPRING SEMESTERS, STUDENTS SHALL BE ENROLLED IN AT LEAST ONE ADDITIONAL COURSE IN A U.S. REGIONALLY ACCREDITED INSTITUTION.

SOCIOLOGY (SOC)

001 Introduction to Sociology (3) UC:CSU ✪
Prerequisite: None.
Recommended: Self-placement into ENGLISH 101 or E.S.L. 110.
Lecture, 3 hours.
This introductory course provides a set of concepts and theories to describe and explain the social behavior of human beings and organization of society. Students examine subjects such as culture, deviance, sexuality, media, social stratification, and the institutions of the family, religion, education, politics, and the economy.
C-ID: SOCI 110

002 American Social Problems (3) UC:CSU ✪
Prerequisite: None.
Recommended: Self-placement into ENGLISH 101 or E.S.L. 110.
Lecture, 3 hours.
Sociological concepts and theories are used to describe and explain a range of social problems that exist in the United States, such as issues of prejudice, discrimination, suicide, drugs, crime, wealth and poverty, political radicalism and weapons of mass destruction. We will also analyze the effectiveness of attempted and potential solutions to these social problems.
C-ID: SOCI 115

003 Crime and Delinquency (3) UC:CSU ✪
Prerequisite: None.
Recommended: Self-placement into ENGLISH 101 or E.S.L. 110.
Lecture, 3 hours.
This course examines the nature of crime and delinquency including theories of causation, types of adult and juvenile offenses, and efforts by society to cope with law violations. We will also analyze programs for crime prevention, correction, and rehabilitation within the justice system.
C-ID: SOCI 160

004 Sociological Analysis (3) UC:CSU
Prerequisite: SOC 001 with a grade of C or better.
Recommended: Self-placement into ENGLISH 101 or E.S.L. 110 and STAT 101.
Lecture, 3 hours.
This course considers the logic of the scientific analysis of society and social institutions. We will analyze the various methodological tools utilized in social science research and clarify basic social science issues. Topics include research design, conceptualization, measurement, sampling methodology, and both qualitative and quantitative data analysis. Students will analyze specific data collected in the field.

C-ID: SOCI 120

011 Race and Ethnic Relations (3) UC:CSU ✪
Prerequisite: None.
Recommended: Self-placement into ENGLISH 101 or E.S.L. 110.
Lecture, 3 hours.
This course examines the definitions, history, and experiences of ethnic and racial groups in this country. Attention is given to Black, Latino, Native American, Asian American, Arab Americans, and white ethnic groups. Discussion includes the social, economic, and political factors affect racial/ethnic group relations; the sources of discrimination and prejudice; and whether social equality between different groups is possible.

C-ID: SOCI 150

012 Marriage and Family Life (3) UC:CSU ✪
Prerequisite: None.
Recommended: Self-placement into ENGLISH 101 or E.S.L. 110.
Lecture, 3 hours.
This course deals with the family as a social institution, its structure and functions, including historical changes, emerging patterns, and the influence of contemporary society and social forces that shape the family such as race, class, gender and sexuality.

C-ID: SOCI 130

017 Introduction to Counseling (3) CSU
Prerequisite: None.
Lecture, 3 hours.
This course is an introduction to methods, major theories and techniques of counseling. We will consider a variety of representative problems covering a wide range of settings and multicultural perspectives. Topics include dysfunctional families, domestic violence, incest, crisis intervention, suicide prevention, drug and alcohol abuse, sociopathic personalities, school bullying, trauma, death and dying, serial killers, and the nature of neuroses and psychoses. Career planning issues are also considered.

019 Introduction to Social Services (3) CSU
Prerequisite: None.
Recommended: Self-placement into ENGLISH 101 or E.S.L. 110.
Lecture, 3 hours.
This course covers the history and development of social and human services. A particular emphasis is placed on social work, case work, and urban generalists. We will explore institutions such as the welfare system, community organizations, health care and Medicare. Social service work as a career, including social work, urban generalists, counseling, addiction specialists, and their qualifications are also covered.

020 Directed Practice in Social Welfare (3) CSU
Prerequisite: None.
Recommended: Self-placement into ENGLISH 101 or E.S.L. 110.
Lecture, 3 hours.
This course provides a basic understanding of the concepts, theories and practical experience for working in the Human Services field. Students will complete a 40-60 hour field placement at a community service agency outside of the class. Students will be assessed on their participation in these field placements (e.g., child abuse prevention, sexual assault, elderly services, primary and secondary education, homelessness, suicide prevention) and the application of course material as it relates to their field work.

021 Human Sexuality (3) UC:CSU ✪
Prerequisite: None.
Recommended: Self-placement into ENGLISH 101 or E.S.L. 110.
Lecture, 3 hours.
This interdisciplinary course presents a sociological and psychological introduction to human sexuality and human sexual behavior. Topics include physiology, sex, gender, and sexual orientation, physical and emotional response, sexual behavior, cultural and behavioral issues, myths, misconceptions, dysfunction, and sexual coercion.

025 Drugs and Culture (3) UC:CSU ✪
Prerequisite: None.
Recommended: Self-placement into ENGLISH 101 or E.S.L. 110.
Lecture, 3 hours.
This course is a cross cultural study of mind-altering drugs including alcohol, marijuana, hallucinogens, ecstasy, methamphetamines, cocaine, inhalants, and others. The social, psychological, and biological effects of drug use are analyzed within a cultural and political context and we will also consider the effects of drugs on the population for the user and non-user. Cultural aspects of drug use are examined using class, race, and gender as mediating factors, as well as the values and norms placed upon their use. Societal systems are examined to understand why substances are labeled as drugs. The economic, legal, and judicial systems and their relations to the concepts of drug usage are looked at in several societies. Emphasis is placed upon methods of treatment and penalties attached to the violation of the norms on drug usage.

031 Sociology of Gender (3) UC:CSU ✪
Prerequisite: None.
Recommended: Self-placement into ENGLISH 101 or E.S.L. 110.
Lecture, 3 hours.
This course focuses on gender, including the development of the individual, the scripts that are learned in our culture, the comparative information from other cultures and other times in our history, how people use gender in interpersonal relationships, and how gender structures society. A particular emphasis is placed on the political, social and economic status of women and men. Topics include the social forces that help to shape the experience of women and men such as race, class, the social construction of gender and sexuality.

C-ID: SOCI 140

084 SIMSOC:Simulated Society (1)
Prerequisite: None.
Lecture, 1 hours.
Students simulate a society, actively learning sociological concepts such as status, role, primary group, power, and hierarchy. The game takes approximately 14 hours to play and students have great fun learning about the working of society and how societal structure emerges from group dynamics and the exchange of resources.

086 Popular Culture (3)
Prerequisite: None.
Lecture, 3 hours.
This course introduces students to the analysis of the historical and current development and emergence of American popular culture and its relationship to social institutions, collective behavior, and roles in people's lives. Social, technological, political, and economic aspects of society are examined with regard to the adoption, maintenance, and changes in popular culture, including the consumption of mass media, fashion, music, consumerism and food. Distinction between popular culture and culture, mass culture, folk culture and its contribution to society's contemporary outlook is analyzed.

SPANISH (SPANISH)

001 Elementary Spanish I (5) UC:CSU
Prerequisite: None.
Lecture, 5 hours.
This course introduces the student to basic Spanish grammar and vocabulary. The focus is on the development of the four language skills: listening, speaking, reading, and writing, with special emphasis on communication in cultural settings. It introduces the student to basic traits of Hispanic cultures in the U.S. and in Spanish-speaking countries. This is a web-enhanced course requiring students to perform online coursework.

C-ID: SPAN 100

002 Elementary Spanish II (5) UC:CSU
Prerequisite: SPANISH 001 with grade of C or better, or equivalent skill level.
Lecture, 5 hours.
This course completes the study of elementary grammar. It includes the reading of simplified texts with continued emphasis on aural and written comprehension, oral expression, and the writing of simple Spanish. Students will continue the study of diverse Spanish and Hispanic cultures and modern developments in the Spanish-speaking world. This is a web-enhanced course, requiring students to access and perform online coursework.

C-ID: SPAN 110

CREDIT GIVEN FOR EITHER SPANISH 035 OR SPANISH 002, BUT NOT BOTH.

003 Intermediate Spanish I (5) UC:CSU ✪
Prerequisite: SPANISH 002 with grade of C or better, or equivalent skill level.
Lecture, 5 hours.
This course provides a more intensive study of the Spanish language, including a comprehensive review of grammar and the study of advanced grammatical concepts, idiomatic expressions and irregular structures. Emphasis is placed on developing fluency in oral expression and facility in writing. Students will read and discuss cultural and literary texts in Spanish, and advance their knowledge of Spanish and Hispanic cultures and modern developments in the Spanish-speaking world. This is a web-enhanced course, requiring students to access and perform online coursework.

CREDIT GIVEN FOR EITHER SPANISH 036 OR SPANISH 003, BUT NOT BOTH.

C-ID: SPAN 200

004 Intermediate Spanish II (5) UC:CSU ✪
Prerequisite: SPANISH 003 or SPANISH 036 with grade of C or better or equivalent skill level.
Lecture, 5 hours.
Students will further develop their writing and communication skills in Spanish through the study of representative Spanish and Latin American literary and cultural works. The course focuses on analysis and discussion. It provides a sustained study of grammar and vocabulary with emphasis on complex structures, stylistics, and the use of idiomatic expressions. This course may be offered as a web-enhanced or hybrid course. Computer skills are required for accessing and performing online course materials and activities.

CREDIT IS GIVEN FOR EITHER SPANISH 4 OR SPANISH 037, BUT NOT BOTH.

C-ID: SPAN 210

005 Advanced Spanish Through Latin American Literature (5) UC:CSU ✪
Prerequisite: SPANISH 004 or 037 with a grade of C or better or equivalent skill level.
Lecture, 5 hours.
This course surveys Latin American literature and introduces the student to its major literary movements through the study of prose, poetry and drama from representative authors. The students will learn to analyze the way the formal elements of literature contribute to its meaning, to analyze literature as a human experience, and to read through diverse the historical and cultural lenses of Latin America. It stresses literary analysis and discussion, as well as the writing of interpretive and analytical essays within the context of the literature and civilization of Latin America. Computer skills are necessary for accessing and performing coursework online. The course is conducted in Spanish.

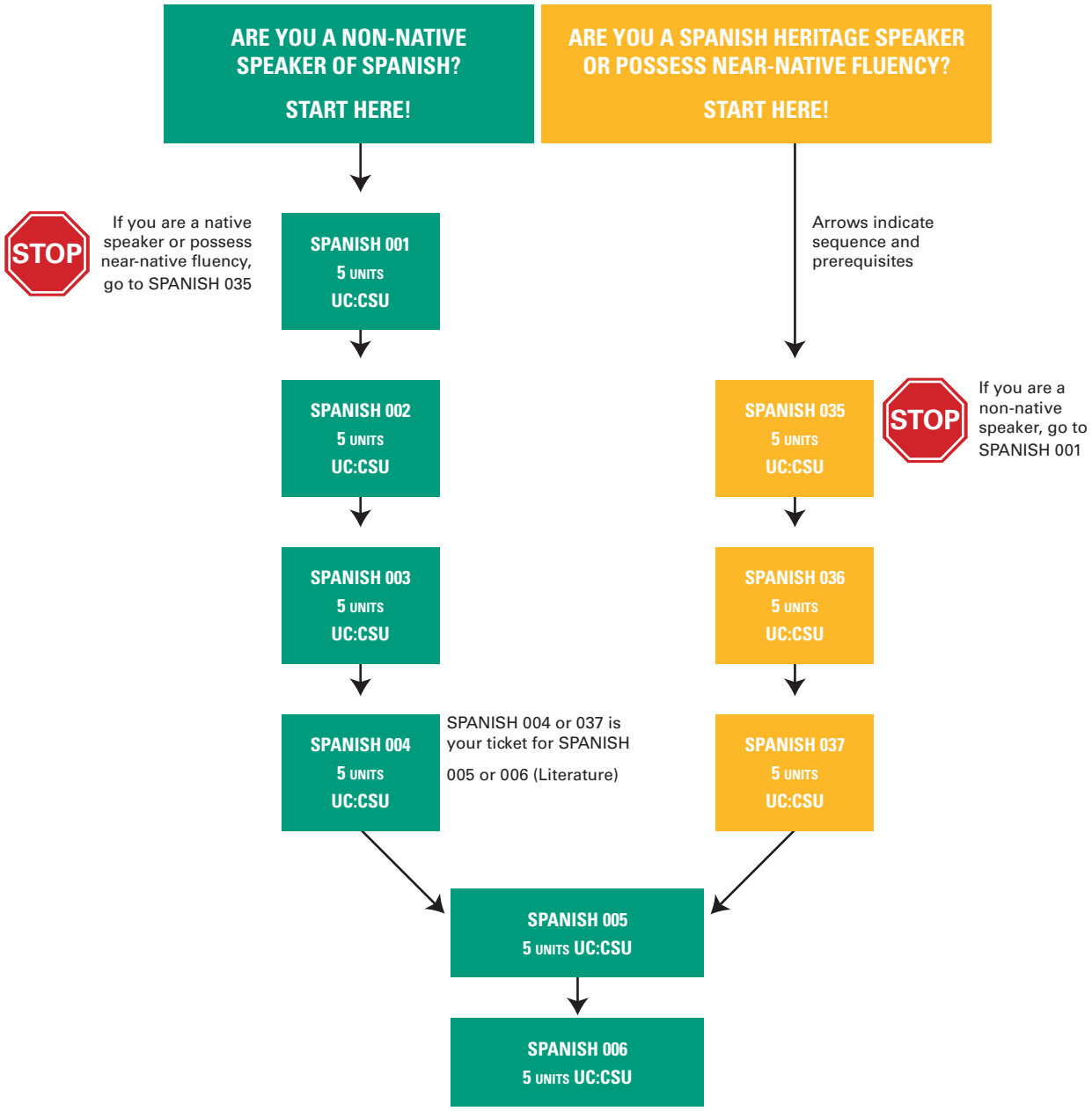
006 Advanced Spanish Through Spanish Literature (5) UC:CSU ✪
Prerequisite: SPANISH 005 with a grade of C or better or equivalent skill level.
Lecture, 5 hours.
This course surveys Spanish literature and introduces the student to its major literary movements through the study of prose, poetry and drama from representative authors. The students will learn to analyze the way the formal elements of literature contribute to its meaning, to analyze literature as a human experience, and to read through diverse the historical and cultural lenses of Spain. It stresses literary analysis and discussion, as well as the writing of interpretive and analytical essays within the context of the literature and civilization of Spain. Computer skills are necessary for accessing and performing coursework online. The course is conducted in Spanish.

009 Civilization of Spain (3) UC:CSU
Prerequisite: None.
(Taught in English)
Lecture, 3 hours.
This course surveys the culture and civilization of Spain from its origins to the present. It examines and analyzes contemporary Spanish society, traditions, popular culture, and way of life and offers an overview of Spain's history, geography, arts, and contributions to the Western world. Computer skills are necessary to access coursework online. This course is taught in English.

012 Survey of Mexican Literature (3) UC:CSU ✪
Prerequisite: None.
(Same as CHICANO 042)
Lecture, 3 hours.
This course provides an introduction to the major historical events and literary movements in Mexico, with a focus on 20th-century Mexican literature read in translation. The lectures, readings and discussions are in English.

016 Mexican Civilization (3) UC:CSU ✪
(Same as CHICANO 044)
Prerequisite: None.
(Taught in English)
Lecture, 3 hours.
This course considers the significant elements of pre-Columbian Mexican civilization, the impact of the Spanish domination upon the indigenous population and its influence upon mores, art, and industry. It introduces the students to studies in the history, literature, art, and music of Mexico as they evolved from colonial times to the present. The impact of the Mexican Revolution upon all the Americas is considered. It examines the present-day culture of Mexican-Americans as influenced by their Mexican heritage and life in the United States. The course is taught in English.

SPANISH PROGRAM FLOWCHART AND PREREQUISITES



OTHER COURSES FOR YOUR AA IN SPANISH AND TO OBTAIN CREDIT IN HUMANITIES:

SPANISH 009	3 units	Civilization of Spain (Taught in English)
SPANISH 012	3 units	Survey of Mexican Literature
SPANISH 016	3 units	Mexican Civilization
SPANISH 025	3 units	Spanish American Short Story in Translation
LING 001	3 units	Introduction to Language and Linguistics

DID YOU KNOW?

There is no prerequisite for SPANISH 001 or 035. If you possess sufficient knowledge of Spanish, the prerequisite challenge will allow you to start your studies beyond SPANISH 001 or 035.

025 Spanish American Short Story in Translation (3) UC:CSU

Prerequisite: None.
Recommended: Self-placement into ENGLISH 101 or E.S.L. 110.
Lecture, 3 hours.
Students engage in a survey of the Latin American short story grounded on the region's historical, political, and cultural production from the nineteenth century up until the present time. Students learn about key literary movements and authors, demonstrate understanding of the aesthetic and cultural specificity of the works studied, and develop critical reading and writing skills.

027 Cultural Awareness Through Conversation (3) UC:CSU

Prerequisite: SPANISH 035 with a grade of C or higher, or equivalent skill demonstrated.
Lecture, 3 hours.
This course is designed to improve oral, formal Spanish through class discussion, debates, and oral presentations for those students who have some degree of proficiency in Spanish or are heritage speakers. Through the use of a variety of texts, including short stories, newspapers and magazines, essays, and specialized Web pages, students explore contemporary cultural topics in their political, economic, and social context, while addressing the structural and lexical differences between formal and informal Spanish. The course also promotes a greater awareness of the Spanish language in its historical, political, and social context. Included in the course are guest speakers, and/or community service projects.

035 Spanish for Spanish Speakers I (5) UC:CSU

Prerequisite: None.
Lecture, 5 hours.
This course is designed to address the needs of the fluent, Spanish-speaking student. It provides an introduction to written Spanish with an emphasis on the acquisition of a solid grammatical base, vocabulary enrichment and spelling. While it addresses all four skills in Spanish (speaking, listening, reading, writing), it focuses on reading and writing. Readings include texts on the geography, customs and culture of Spain and Latin America. The course is taught in Spanish.

CREDIT IS GIVEN FOR EITHER SPANISH 035 OR SPANISH 002, BUT NOT BOTH.

036 Spanish for Spanish Speakers II (5) UC:CSU ✪

Prerequisite: SPANISH 035 with a grade of C or better, or equivalent skill level.
Lecture, 5 hours.
This is an intermediate Spanish course designed to meet the needs of the fluent, Spanish-speaking student. It advances the study of grammar and complex vocabulary. While it addresses all four skills in Spanish (speaking, listening, reading, writing), it focuses on the development of reading and writing skills. It provides further study of Spanish and Latin American cultures and civilization. The course is conducted in Spanish.

CREDIT IS GIVEN FOR EITHER SPANISH 036 OR SPANISH 003, BUT NOT BOTH.

C-ID: SPAN 220

037 Composition and Conversation for Spanish Speakers (5) UC:CSU ✪

Prerequisite: SPANISH 036 with a grade of C or better.
Lecture, 5 hours.
This course further develops reading, writing, and communication skills through the study of representative topics, texts, and literary works from Spain and Latin America. It is intended for heritage speakers of Spanish who wish to increase their oral and writing skills in the context of themes, topics , and the literary and cultural production of the US Hispanic population. It focuses on text analysis, general academic writing, the honing of formal presentation skills, and the sustained study of grammar and vocabulary with emphasis on complex structures. This course familiarizes students with authentic texts written in different styles to provide a platform from which to practice the presentational mode and various rhetorical modes of writing, such as description, narration, exposition, and argumentation. It also prepares heritage speakers for the Advanced level in the AA degree and for upper-division major courses at four-year universities. Basic computer skills required for accessing online activities.

CREDIT GIVEN FOR EITHER SPANISH 037 OR SPANISH 004, BUT NOT BOTH.

C-ID: SPAN 230

048 Introduction to Spanish Translation I (3) CSU

Prerequisite: SPANISH 004 or 037 with a grade of C or better, or through demonstration of appropriate skill level.
Lecture, 3 hours.
This course provides an introduction to basic translation theory with emphasis on advanced Spanish grammar, vocabulary, and idiomatic expressions. The focus is on English-to-Spanish translation of documents related to public services and community activities, as well as consumer-oriented texts such as commercial advertisements. Recommended for students whose career options require bilingual skills.

063 Intermediate Spanish Conversation I (2) UC:CSU

Prerequisite: SPANISH 002 with a grade of C or better.
Lecture, 2 Hours.
This course helps students to improve their conversational ability in Spanish by building on the oral communication skills acquired in Elementary Spanish. It focuses on discussions of everyday experiences, current events, cinema, cultural readings with emphasis on vocabulary-building and the use of idiomatic expressions, along with pronunciation practice. This is a web-enhanced class, requiring students to access coursework online.

NOT RECOMMENDED FOR NATIVE SPEAKERS OF SPANISH.

064 Intermediate Spanish Conversation II (2) UC:CSU

Prerequisite: SPANISH 003 or SPANISH 063 with a grade of C or better.
Lecture, 2 Hours.
This course helps students to improve their conversational ability in Spanish by building on the oral communication skills acquired in Intermediate Spanish. It focuses on discussions of everyday experiences, current events, cinema, cultural readings. The emphasis is on building mid-intermediate vocabulary, practice of idiomatic expressions, and further training in pronunciation and intonation. This is a web-enhanced class, requiring students to access coursework online.

NOT RECOMMENDED FOR NATIVE SPEAKERS OF SPANISH.

066 Advanced Spanish Conversation I (2) UC:CSU

Prerequisite: SPANISH 004 or SPANISH 064 with a grade of C or better.
Lecture, 2 Hours.
In this course, students continue to improve their conversational ability in Spanish by building on the oral communication skills acquired in Intermediate Spanish. It focuses on discussions of everyday experiences, current events, cinema, cultural readings with emphasis on advanced vocabulary-building and the use of idiomatic expressions, along with pronunciation practice. This is a web-enhanced class, requiring students to access coursework online.

NOT RECOMMENDED FOR NATIVE SPEAKERS OF SPANISH.

185 Directed Study - Spanish (1) CSU
285 Directed Study - Spanish (2) CSU
385 Directed Study - Spanish (3) CSU
Prerequisite: Approval of project.
Conference, 1 hour per unit.
This course allows the student to pursue Directed Study in Spanish on a contract basis under the direction of a supervising instructor.

CREDIT LIMIT: A MAXIMUM OF 3 UNITS PER SUBJECT IN DIRECTED STUDY MAY BE TAKEN FOR CREDIT.

UC CREDIT FOR INDEPENDENT STUDY/DIRECTED STUDY COURSES NUMBERED 185, 285, AND 385 IN ANY DEPARTMENT IS NOT AUTOMATIC; CREDIT IS CONTINGENT ON UC CAMPUS EVALUATION AFTER APPLICATION AND ADMISSION. THESE UNITS SHOULD NOT BE USED TOWARD CALCULATION OF THE MINIMUM 60 UNITS NEEDED FOR ADMISSION TO THE UC.

SPEECH

(See Communications Studies)

STATISTICS (STAT)

(For Statistics see also MATH 227)

100 Foundations of Statistical Reasoning (4)
Prerequisite: None.
Lecture, 4 hours.
This course serves as a prerequisite to Statistics 101 for non-physical science majors and non-math majors. Taken by itself, Statistics 100 is not degree applicable, nor is it a substitute for any degree-applicable Math or Statistics course. Basic algebraic methods are emphasized as they relate to statistics, including topics like percents, converting units, evaluating expressions, solving equations, and linear functions. Methods for the collection and analysis of data will emphasize real-world application. Students will gain a foundation for studying correlation, experimental and descriptive study designs, sampling methods, probability and the normal distribution, and measures of central tendency. Content includes learning to interpret visual representations of data and analyzing various graphs and tables. The sole purpose of this course is to lead students to the graduation and transfer requirements of Statistics 101, as this course alone does not fulfill requirements in the area of Mathematical Concepts and Quantitative Reasoning. Students will not meet math competency credit as stated in E-79 for taking this course. If students wish to proceed to higher level Mathematics courses, they would need to pursue the Mathematics pathway.

101 Statistics for the Social Sciences (4) UC:CSU ✪
Prerequisite: STAT 100 or MATH 125 with a grade C or better or equivalent.
Lecture, 4 hours.
This course focuses on data collection, hypothesis testing and predictive techniques to facilitate decision-making. Topics include descriptive statistics; probability and sampling distributions; statistical inference; correlation and linear regression; analysis of variance, chi-square and t-tests; and application of technology for statistical analysis including the interpretation of the relevance of the statistical findings. Applications using data from disciplines including business, social sciences, psychology, life science, health science, and education.

MATH 225, 227, STAT 1, 101 COMBINED, MAXIMUM UC CREDIT, ONE COURSE.

C-ID: SOCI 125, MATH 110

THEATER (THEATER)

Theater majors should take two of the following: THEATER 301, 310, 315, 325, 450

Some courses in Theater are part of the Theater Family group and have enrollment limitations. The group code appears under the title. See page 203-204 for more information.

100 Introduction to the Theater (3) UC:CSU
Prerequisite: None.
Lecture, 3 hours.
This survey course will foster a student's appreciation of the historical and cultural aspects of theater and the performing arts. The course examines the duties and responsibilities of the various creative artists such as the director, actor, designers, and playwright and the process of creating live performance.

C-ID: THTR 111

110 History of the World Theater (3) UC:CSU
Prerequisite: None.
Recommended: ENGLISH 101 or E.S.L. 110.
Lecture, 3 hours.
This course studies the history and development of theatre and drama, from the 5th century to the 17th century. From pre-civilization to the present day, theatre has served a variety of functions within different cultures and societies. Throughout history we can see how the theatre changes in response to the changing needs and concerns of a given culture. Our goal for this course is to help you begin to understand and articulate the relationship between theatre and society.

C-ID: THTR 113

112 History of World Theater II (3) UC:CSU
Prerequisite: None.
Recommended: ENGLISH 101 or E.S.L. 110.
Lecture, 3 hours.
This course covers the history of the development of theater, its plays and playwrights, structures and methods of staging and acting, from the English Restoration through the 21st Century.

114 Script Analysis (3) UC:CSU
Prerequisite: None.
Lecture, 3 hours.
THEATER 114 introduces students to in-depth methods of reading, analyzing and conceptualizing play scripts in a variety of genres and styles intended for production. Students investigate and apply techniques used by directors, actors, designers, playwrights and critics in their efforts to translate a text into a performance, to move imaginatively from the page to the stage; students develop through hands-on creative projects and interpretive presentations a thorough-going grasp of what scripts mean to the professional theatre artist and to the theatre-goer as distinct from other forms of literature.

C-ID: THTR 114

225 Beginning Direction (3) UC:CSU
(Theater Family T04)
Prerequisite: THEATER 114 with a grade of C or better.
Lecture, 2 hours; Laboratory 2 hours.
Students are introduced to the art of directing for the stage through a series of in-class tasks, lab projects and take-home assignments. As the culmination of the semester's work, students analyze and interpret a ten-minute play of their choosing, and, in collaboration with a team of student actors, designers, management and crew, prepare a fully realized production of the play and present it before a live audience.

227 Advanced Direction (3) UC:CSU
(Theater Family T04)
Prerequisite: THEATER 225 with a grade of C or better.
Laboratory, 6 hours.
Students apply the principles of directing for the stage introduced in Theater 225 to dramatic texts which are more demanding, complex and sophisticated. As the culmination of the semester's work, students analyze and interpret a full-length one-act play of their choosing, and, in collaboration with a team of student actors, designers, management and crew, prepare a fully realized production of the play and present it before a live audience.

232 Play Production II (2) UC:CSU
(Theater Family T07)
Prerequisite: Audition and/or interview required.
Laboratory, 6 hours.
This course provides instruction and supervised student participation in the current play productions of the Theater Department. Areas of involvement include lights, sound, props, wardrobe, acting, etc. Student must be available for performance schedules.

233 Play Production III (3) UC:CSU
(Theater Family T07)
Prerequisite: Audition and/or interview required.
Laboratory, 9 hours.
This course provides instruction and supervised student participation at an advanced level in the current play productions of the Theater Department. Areas of involvement include lights, sound, props, wardrobe, acting, etc. Student must be available for performance schedules.

240 Voice and Articulation for the Theater (3) UC:CSU
(Theater Family T10)
Prerequisite: None.
Designed for performing arts students.
Lecture, 3 hours.
Students are introduced to the fundamentals of effective vocal production and the techniques of voice improvement as applied to the stage and other media of theatrical performance. Through basic vocal exercises and the practice and production of interpretative reading, students investigate the principles of good speech, breathing and posture. A study is made of the physiological, psychological, and acoustical factors determining vocal quality, force, rhythm and pitch.

270 Beginning Acting (3) UC:CSU
(Theater Family T02)
Prerequisite: None.
Required of all theater majors.
Lecture, 3 hours.
Students are introduced to the art and craft of acting, with a focus on freeing the actor's voice, body and mind to begin to realize the possibilities for creative expression. Topics of study include: responding to impulse and working as an ensemble (through exercises, theater games, and improvisation); and the actor's homework: researching a role, analyzing a text, and breaking down a script from an actor's point of view. The semester-long investigation culminates in monologue work, scene study, audition technique, rehearsal methods, and working with a director.

C-ID: THTR 151

272 Intermediate Applied Acting (3) UC:CSU
(Theater Family T02)
Prerequisite: THEATER 270 with grades of C or better.
Required of all theater acting majors.
Lecture, 2 hours; laboratory, 2 hours.
Students will continue to apply the principles introduced in Theater 270: Beginning Acting to texts and roles that are increasingly more demanding and sophisticated. Scene and monologue work will be drawn from realistic contemporary plays as well as from the modern classic repertory.

C-ID: THTR 152

274 Advanced Applied Acting (3) UC:CSU
(Theater Family T02)
Prerequisite: THEATER 272 with grades of C or better.
Lecture, 2 hours; laboratory, 2 hours.
Building on the foundation of Theater 270 and Theater 272, students in Advanced Applied Acting will explore the challenges and joys of working outside the realm of contemporary, realistic drama; scene and monologue work may be drawn from Greek and Roman comedy and tragedy; medieval drama; Shakespeare and other Elizabethan playwrights; Racine, Corneille, Moliere; Restoration and 18th century comedy; high comedy (Oscar Wilde, Noel Coward, George Bernard Shaw); American musical theater; modern and contemporary non-realistic drama.

275 Scene Study (2) UC:CSU
(Theater Family T02)
Prerequisite: None.
Lecture, 1 hour; Laboratory, 2 hours.
In this class, students engage in scene work from plays that range across the entire spectrum of dramatic literature--contemporary, classical, and everything in between. The focus shifts from the actor's individual approach to the actor as collaborator. The aim is to engender the kind of playing together that is at the heart of the live theater experience, the kind of teamwork that delights audiences--who like to describe the connection they see happening between actors as 'chemistry.' In text analysis, tablework, scenework, improvisation and exercise, the course will guide the student actor to identify and promote a rehearsal process which works to create that connection.

276 Actors' Workshop (3) UC:CSU
(Theater Family T09)
Prerequisite: None.
Laboratory, 6 hours.
This course is conducted as an acting workshop in which students are assigned dramatic material designed to introduce them to specific performance presentation styles and encourage them to explore various performance trends.

279 Musical Theater (2) UC:CSU
(Theater Family T06)
Prerequisite: None.
Lecture, 1 hour; laboratory, 2 hours.
This is a performance class which integrates the elements of voice, dance and acting as required for performing in musicals. Emphasis is placed on learning musical theater techniques and preparing successful audition material for musicals.

280 Musical Theater Workshop I (3) UC:CSU
(Theater Family T06)
Prerequisite: Audition and/or interview required.
Laboratory, 9 hours.
This course introduces the principles and techniques of acting, singing and movement required for the production of a musical theater performance presented before an audience.

281 Musical Theater Workshop II (3) UC:CSU
(Theater Family T06)
Prerequisite: None.
Laboratory, 9 hours.
This course emphasizes the principles and techniques of acting, singing and movement required for the production of a musical theater performance presented before an audience at an advanced level.

282 Advanced Musical Theater (2) UC:CSU
(Theater Family T06)
Prerequisite: THEATER 279 with a grade of C or better and audition and/or interview required.
Lecture, 1 hour; laboratory, 2 hours.
This course is an advanced performance class which further integrates the elements of voice, dance and acting as required for performing in musicals. Emphasis is placed on expanded repertoire in both vocal and dance performance.

291 Rehearsals and Performances I (1) UC:CSU
(Theater Family T07)
Prerequisite: Audition and/or interview required.
Laboratory, 3 hours.
This course provides instruction and supervised student participation in rehearsals and performances of a Theater Department production. Areas of involvement include all roles needed to complete the rehearsal and performance process. Student must be available for technical rehearsals and performance dates.

C-ID: THTR 191

292 Rehearsals and Performances II (2) UC:CSU
(Theater Family T07)
Prerequisite: Audition and/or interview required.
Laboratory, 6 hours.
This course provides instruction and supervised student participation at an intermediate level in rehearsals and performances of a Theater Department production. Areas of involvement include all roles needed to complete the rehearsal and performance process. Student must be available for technical rehearsals and performance dates.

C-ID: THTR 191

293 Rehearsals and Performances III (3) UC:CSU
(Theater Family T07)
Prerequisite: Audition and/or interview required.
Laboratory, 9 hours.
This course provides instruction and supervised student participation at an advanced level in the current rehearsals and performances of a Theater Department production. Areas of involvement include all roles needed to complete the rehearsal and performance process. Student must be available for technical rehearsals and performance dates.

C-ID: THTR 191

301 Stage Craft (3) UC:CSU
Prerequisite: None.
Lecture, 2 hours; laboratory, 2 hours.
This course is an introduction and laboratory practice of technical theatre, including the creation of scenic elements and solving the practical problems involved in all technical aspects of mounting a stage production. Areas of concentration include painting techniques, set construction, set movement, prop construction, backstage organization, lighting hang and focus, and basic sound set up.

C-ID: THTR 171

310 Introduction to Theatrical Lighting (3) UC:CSU
Prerequisite: None.
Recommended: THEATER 317.
Lecture, 3 hours.
This course is an introduction to the study and execution of theatrical stage lighting and sound, with emphasis on equipment, control, and their relationship to design. Practical experience and problem solving in lighting are highlighted.

C-ID: THTR 173

315 Introduction to Theatrical Scenic Design (3) UC:CSU
Prerequisite: None.
Lecture, 3 hours.
This course provides an introduction to aspects of stage design and technologies, including process, technique, and the collaborative nature of theater production artists. Emphasis will be placed on vocabulary and the support areas of scene design, including the research and creation of properties and set dressings. Extensive critique of work in progress is a major part of the class.

317 Color and Design for the Theater (3) UC:CSU
Prerequisite: None.
Lecture, 3 hours.
This course acquaints students with the basic principles of design that govern all forms of visual expression emphasizing those used in the theater. It also provides students with the ability to communicate in visual terms.

325 Advanced Stage Craft (3) UC:CSU
Prerequisite: THEATER 301 with a grade of C or better.
Lecture, 2 hours; laboratory, 2 hours.
Students will be introduced to specialized topics of advanced stagecraft. Areas of concentration include an advanced level of painting techniques, set construction, set movement, prop construction, backstage organization, lighting hang and focus, and sound set up.

342 Technical Stage Production (2) UC:CSU
Prerequisite: Audition and/or interview required.
Laboratory, 6 hours.
This course provides practical experience in the application of production responsibilities in stage management, house management, lighting, sound, special effects, scenic construction, painting, designing, and running crews.

C-ID: THTR 192

405 Costume Design (3) UC:CSU
Prerequisite: None.
Lecture, 3 hours.
Students will study costume design for the stage. This course includes a survey of the basic silhouettes and terminology of historical periods and an introduction to shop procedures along with the beginning principles and techniques of design including character analysis, figure drawing and rendering sketches for theatrical productions.

411 Costuming for The Theater (3) UC:CSU
Prerequisite: None.
Lecture, 2 hours; Laboratory, 2 hours.
This course surveys theatrical costuming as a craft and design art. It introduces design principles, research methods, pattern and construction techniques, sewing equipment usage and maintenance, and the functions of costume personnel in production work. Lab work may include assignments on current department productions.

C-ID: THTR 174

450 Beginning Stage Make-Up (3) UC:CSU
Prerequisite: None.
Lecture, 2 hours; laboratory, 2 hours.
Techniques and practices of theatrical makeup design and application. Facial analysis, glamour, aging of the face, beards, stylized, and impersonation makeups are performed by the student on their own face. Topics include the use of makeup for film and television.

C-ID: THTR 175

451 Advanced Stage Make-Up (3) UC:CSU
Prerequisite: THEATER 450 with a grade of C or better.
Lecture, 2 hours; laboratory, 2 hours.
This course consists of continued study of the art of make-up with emphasis on advanced techniques. Students will engage in practical applications of specialized makeups including researched and detailed 2 dimensional work as well as an introduction to life casting, hair and wig prep, and ventilating.

185 Directed Study - Theater (1) CSU
285 Directed Study - Theater (2) CSU
385 Directed Study - Theater (3) CSU
Prerequisite: None.
Conference, 1 hour per unit.
This course allows students to pursue Directed Study in Theater on a contract basis under the direction of the supervising instructor.
Credit limit: A maximum of 3 units per subject in Directed Study may be taken for credit.

UC CREDIT FOR INDEPENDENT STUDY/DIRECTED STUDY COURSES NUMBERED 185, 285, AND 385 IN ANY DEPARTMENT IS NOT AUTOMATIC; CREDIT IS CONTINGENT ON UC CAMPUS EVALUATION AFTER APPLICATION AND ADMISSION. THESE UNITS SHOULD NOT BE USED TOWARD CALCULATION OF THE MINIMUM 60 UNITS NEEDED FOR ADMISSION TO THE UC.

911-921-931-941 Cooperative Education - Theater (1-4) CSU
Theater is approved for Cooperative Work Experience Education credit. See Cooperative Education, page 102, for prerequisite, course description and credit limits.

DURING THE FALL AND SPRING SEMESTERS, STUDENTS SHALL BE ENROLLED IN AT LEAST ONE ADDITIONAL COURSE IN A U.S. REGIONALLY ACCREDITED INSTITUTION.

TOOL AND MANUFACTURING TECHNOLOGY (T & M)

027 Basic Machine Shop Theory and Practice (4)
Prerequisite: None.
Lecture, 2 hours; laboratory, 4 hours.
Provides an introduction to the fundamentals of machine shop theory and practice. Concentration on setting up and operation of engine lathes. Includes precision measurement, layout, drilling and milling operations. Prescribed study and projects are designed to give experience with five basic machine tools, Engine Lathes, Vertical Mills, Horizontal Mills, Pedestal Grinders and Surface Grinders. This course is the basis for entry into many trade areas from machinist to numerical control.

030 Machine Shop Practice I (3)
Prerequisite: None.
Lecture, 1 hour; laboratory, 5 hours.
Concentration on 3 axis Horizontal and Vertical Milling Machines setup and operations. Includes fly-cutting, drilling, gang milling, contour and angular surfacing operations. Emphasis on speeds, feeds, cutter selection and applications. Surface grinding operations maintaining flatness, parallelism and finish to a high degree of accuracy. Heat treatment, case-hardening and hardness testing is included.

031 Machine Shop Practice II (3)
Prerequisite: None.
Lecture, 1 hour; laboratory, 5 hours.
Continues training to increase knowledge and skills in the operation of machine tools and accessory equipment. Includes use of optical comparator, precision measuring instruments and other high precision layout and inspection equipment. Requires close tolerance work with different types of machines, machine tools and material used in industry.

032 Machine Shop Practice III (3)
Prerequisite: None.
Lecture, 1 hour; laboratory, 5 hours.
Provides extended training to increase knowledge and skills in the operation of machine tools and accessory equipment. Abrasives and their applications are discussed. Includes use of precision grinding equipment. Close tolerance work and precision inspection is emphasized.

911-921-931-941 Cooperative Education - Tool and Manufacturing Technology (1-4)
Tool and Manufacturing Technology is approved for Cooperative Work Experience Education credit. See Cooperative Education, page 102, for prerequisite, course description and credit limits.

DURING THE FALL AND SPRING SEMESTERS, STUDENTS SHALL BE ENROLLED IN AT LEAST ONE ADDITIONAL COURSE IN A U.S. REGIONALLY ACCREDITED INSTITUTION.

COURSE DESCRIPTIONS

Noncredit

BASIC SKILLS (BSICSKL)

006CE Review of Basic English (0)
Prerequisite: None.
Laboratory, 1 hour.
Students will be required to write summaries, evaluations, and analyses of academic texts and to pose and answer critical questions of both visual and verbal texts.

108CE 21st Century Employability Skills: Entrepreneurial Mindset (0)
Prerequisite: None.
Lecture, 0.5 hours.
This course is the sixth of the professional competencies outlined in the New World of Work 21st Century Employability Skills list. The course focuses on the primary attributes of an entrepreneurial mindset and its importance in the workplace. Students will understand the importance of developing self-motivation, risk-taking, and innovative thinking skills that would help build relationships with existing organizations or assist in setting up their own business opportunities.

109CE 21st Century Employability Skills: Analysis/Solution Mindset (0)
Prerequisite: None.
Lecture, 0.5 hours.
This course is the second of the professional competencies outlined in the New World of Work 21st Century Employability Skills list. The course focuses on helping to give students ideas regarding how to solve problems and building a sense of motivation around having a solution mindset.

110CE 21st Century Employability Skills: Empathy (0)
Prerequisite: None.
Lecture, 0.5 hours.
This workshop is the sixth of the professional competencies outlined in the New World Work 21st Century Skills list. The workshop focuses on building empathy in the workplace. Students will focus on understanding the difference between empathy and sympathy and developing good communicative skills that build positive verbal/nonverbal trust in the workplace. Students will also understand the importance of developing social and vocational relationships that create a positive and productive work environment.

111CE 21st Century Employability Skills: Adaptability (0)
Prerequisite: None.
Lecture, 0.5 hours.
This course is the first of the professional competencies outlined in the New World Work 21st Century Skills list. This course focuses on helping students be aware of and positively respond to change in the workplace. Students will learn how to cope with uncertain, new, and rapidly changing conditions on the job as well as how to adapt to different personalities, communication styles, and cultures.

112CE 21st Century Employability Skills: Social/Diversity Awareness (0)
Prerequisite: None.
Lecture, 0.5 hours.
This course is the tenth of the professional competencies outlined in the New World Work 21st Century Skills list. The course focuses on the importance of developing sensitivity to differences in background, beliefs, gender, sexual orientation, ethnicity, and age in the workplace. Students will engage in professional and interpersonal skills that enable them to establish rewarding relationships with diverse individuals and groups.

113CE 21st Century Employability Skills: Collaboration (0)
Prerequisite: None.
Lecture, 0.5 hours.
This course is the fifth of the professional competencies outlined in the New World Work 21st Century Skills list. The course focuses on building collaboration and leadership models in the workplace. Students will focus on developing skills that enable them to respect people's differences, resolve conflicts, and find commonality that enhances the workplace.

114CE 21st Century Employability Skills: Self-Awareness (0)
Prerequisite: None.
Lecture, 0.5 hours.
This course is the second of the professional competencies outlined in the New World Work 21st Century Skills list. This course focuses on helping students understand the importance of self-awareness in the context of social awareness. Students will focus on work opportunities that would be a good match for personal strengths and skills. Students will learn how to improve professional manner by learning guidelines or rules of the work setting, such as appropriate clothing and ways of communicating.

115CE 21st Century Employability Skills: Resilience (0)
Prerequisite: None.
Lecture, 0.5 hours.
This course is the eighth of the professional competencies outlined in the New World of Work 21st Century Employability Skills list. The course focuses on teaching students the capabilities, skills, and self-care practices that contribute to resilience. This will enable students to develop and build up their resilience so that they are ready to meet challenges at work, at home, and other areas of their life.

116CE 21st Century Employability Skills: Communication (0)
Prerequisite: None.
Lecture, 0.5 hours.
This course is the fourth of the professional competencies outlined in the New World of Work 21st Century Employability Skills list. The course focuses on helping students understand the importance of communication skills in the workplace. Students will have the opportunity to develop workplace-related writing skills, verbal and nonverbal communication skills, and passive and active listening skills that will enable them to act professionally and empathically in the workplace.

117CE 21st Century Employability Skills: Digital Fluency (0)
Prerequisite: None.
Lecture, 0.5 hours.
This course is the fifth of the professional competencies outlined in the New World of Work 21st Century Employability Skills list. The course focuses on helping students understand the importance of digital literacy and gaining a basic understanding of computer, tablet, smart phone hardware and software, and how they work in the workplace. Students use online tools such as Google and YouTube to find data, information, answer a question, or help solve a problem and determine the "usefulness" and "truthfulness" of sources. They will also use social media tools in their job search and identify steps to create a positive and professional online presence.

CONTINUING EDUCATION NONCREDIT COURSE SEQUENCE FOR ESL

ESL AND CIVICS

ESLCVCS 015CE
ESL and Civics VI
Intermediate High

↑

ESLCVCS 014CE
ESL and Civics V
Intermediate

↑

ESLCVCS 013CE
ESL and Civics IV
Intermediate Low

↑

ESLCVCS 012CE
ESL and Civics III
Beginning High

↑

ESLCVCS 011CE
ESL and Civics II
Beginning

↑

ESLCVCS 010CE
ESL and Civics I
Beginning Low

ENGLISH AS A SECOND LANGUAGE

ESL NC 017CE
English as a Second Language - VI
Intermediate High

↑

ESL NC 016CE
English as a Second Language - V
Intermediate

↑

ESL NC 015CE
English as a Second Language - IV
Intermediate Low

↑

ESL NC 009CE
English as a Second Language - III
Beginning High

↑

ESL NC 008CE
English as a Second Language - II
Beginning

↑

ESL NC 007CE
English as a Second Language - I
Beginning Low

↑

ESL NC 006CE
English as a Second Language -0
Literacy Level

Offered during Summer and Winter Sessions

ESL NC 002CE
English as a Second Language
Beginning II

↑

ESL NC 001CE
English as a Second Language
Beginning I

ENGLISH AS A SECOND LANGUAGE (SPEECH)

ESL NC 024CE
English as a Second Language-
Speech II

↑

ESL NC 023CE
English as a Second Language -
Speech I

ENGLISH AS A SECOND LANGUAGE (ESL NC)

001CE English as a Second Language - Beginning I (0)
Prerequisite: None.
Lecture, 3 hours.
This is an open-entry, open-exit course that emphasizes listening/speaking and reading/writing skills at a beginning level. The focus of the course is on understanding and participating in basic communication and conversation skills in routine social situations. Students read simple passages, and generate and write sentences related to basic communications, housing, food, health, and emergencies.

002CE English as a Second Language - Beginning II (0)
Prerequisite: None.
Lecture, 3 hours.
This is an open-entry, open-exit course that is a continuation of ESL 1CE. The emphasis of the course is on listening/speaking and reading/writing skills at a beginning level. Students will learn skills so they may understand and participate in basic communication and conversation skills in routine social situations. Students read simple passages, and generate and write sentences related to transportation, employment, community resources, clothing, and interpersonal communication.

006CE English as a Second Language – 0 (0)
Prerequisite: None.
Lecture, 12 hours.
This is an open-entry open-exit course that emphasizes listening/speaking skills and reading/writing skills at a literacy level. The focus of the course is on basic survival English skills, English sound/symbol correspondence, and reading and writing of simple English sentences.

007CE English as a Second Language – I (0)
Prerequisite: None.
Lecture, 12 hours.
This is an open-entry, open-exit course that emphasizes listening/speaking and reading/writing skills at a beginning-low level. The focus of the course is on understanding and participating in basic communication and conversation skills in routine social situations. Students read simple passages and generate and write sentences related to housing, food, health, transportation, employment, and other resources.

008CE English as a Second Language – II (0)
Prerequisite: None.
Lecture, 12 hours.
This is an open-entry open-exit course that emphasizes listening/speaking skills and reading/writing skills at a beginning level. The focus of the course is on comprehending and engaging in extended conversations related to familiar contexts, such as health, employment, and community resources. Students read simple adapted narrative and descriptive passages and use basic grammatical structures to write short, clearly organized paragraphs and messages.

009CE English as a Second Language – III (0)
Prerequisite: None.
Lecture, 12 hours.
This is an open-entry open-exit course that emphasizes listening/speaking and reading/writing skills at a beginning-high level. The focus of the course is on comprehending and using more complex spoken and written English skills. Students participate in increasingly extended conversations on topics beyond survival needs, such as family responsibilities. Students will develop skills to understand short reading passages and differentiate between fact and opinion with some accuracy as well as write clear and well-organized paragraphs.

015CE English as a Second Language - IV (0)
Prerequisite: None.
Lecture, 12 hours.
This is an open-entry/open-exit course which emphasizes listening/speaking skills and reading/writing skills at an intermediate- low level. This class focuses on understanding increasingly extended conversations, discussions or lectures, and speaking about familiar topics. Students read authentic material and identify the main idea and make simple inferences. They focus on developing basic paragraph skills including organization, sentence structure, and the writing process.

016CE English as a Second Language - V (0)
Prerequisite: None.
Lecture, 12 hours.
This is an open-entry open-exit course which emphasizes listening/speaking skills and reading/writing skills at an intermediate level. This class focuses on comprehending and developing listening and speaking skill on increasingly complex social and academic topics. Students read authentic material and identify the main idea, supplementary details, vocabulary development, and inferences. Students also learn to give brief prepared oral presentations. They focus on developing basic patterns for paragraph and essay writing including organization, sentence structure, and the writing process.

017CE English as a Second Language - VI (0)
Prerequisite: None.
Lecture, 12 hours.
This is an open-entry open-exit course which emphasizes listening/speaking skills and reading/writing skills at a high-intermediate level. This class focuses on understanding and engaging in extended conversations, discussions, and lectures. Students also learn to give brief impromptu oral presentations. Students read authentic material and identify the main idea, supporting details, vocabulary development, and inferences. They focus on developing organization patterns for compositions and essay writing including organization, sentence structure, and the writing process.

023CE English as a Second Language - Speech I (0)
Prerequisite: None.
Lecture, 6 hours.
This is an open-entry open-exit course that emphasizes listening/speaking, grammar, and pronunciation skills at an intermediate low level. The focus of the course is on comprehending and developing listening and speaking on topics in social and academic environments. Students also learn to give brief prepared oral presentations. Students will focus on practicing pronunciation skills for better oral communication and developing rhythm, stress, and intonation patterns of English conversation.

024CE English and a Second Language-Speech II (0)
Prerequisite: None.
Lecture, 6 hours.
This is an open-entry open-exit course that emphasizes listening/speaking, grammar, and pronunciation skills at an intermediate level. The focus of the course is on understanding and engaging in increasingly extended conversations, discussions, and lectures. Students also learn to give brief impromptu oral presentations. Students focus on practicing more complex pronunciation skills for better oral communication as well as developing rhythm, stress, and intonation patterns of English conversation.

ESL CIVICS (ESLCIVICS)

010CE ESL and Civics I (0)
Prerequisite: None.
Lecture, 1 hour.
This is an open-entry/open exit course. This course is intended for beginning English speakers at skill level 1, as recommended. Speaking, listening, reading, and writing skills are emphasized. Learners engage in discussions on living in the United States, housing issues, and U.S. History (Colonies, Bill of Rights, and Founding Fathers).

011CE ESL and Civics II (0)
Prerequisite: None.
Lecture, 1 hour.
This is an open-entry/open-exit course. This course is intended for beginning English speakers at skill level 2, as recommended. Speaking, listening, reading, and writing skills are emphasized. Learners engage in discussions on issues related to employment, job interviewing, and United States history and government (First Government, Constitution, Branches of Government).

012CE ESL and Civics III (0)
Prerequisite: None.
Lecture, 1 hour.
This is an open-entry/open-exit course. This course is intended for beginning English speakers at skill level 3, as recommended. Speaking, listening, reading, and writing skills are emphasized. Learners engage in discussions on city, county, and community services and topics related to United States history (Civil War and Civil Rights Movement).

013CE ESL and Civics IV (0)
Prerequisite: None.
Lecture, 3 hours.
This is an open-entry/open-exit course. This course is intended for English speakers at skill level 4, as recommended. Intermediate low listening, speaking, reading, and writing skills are emphasized. Learners engage in discussions on education and early United States history (Declaration of Independence, First Four Presidents, Constitution).

014CE ESL and Civics V (0)
Prerequisite: None.
Lecture, 3 hours.
This is an open-entry/open-exit course. This course is intended for English speakers at skill level 5, as recommended. Intermediate listening, speaking, reading, and writing skills are emphasized. Learners engage in discussions and written assignments on becoming work ready, workplace safety, and interactions with co-workers, as well as the judicial branch of government and national symbols and holidays.

015CE ESL and Civics VI (0)
Prerequisite: None.
Lecture, 3 hours.
This is an open-entry/open-exit course. This course is intended for English speakers at skill level 6, as recommended. Intermediate high listening, speaking, reading and writing skills are emphasized. Learners engage in discussions and written assignments. The focus of the course is on the role of state and local governments, the U.S. electoral process, and living and working in the U.S.

OLDER ADULTS (OLD ADL)

501CE Community Chorus (0)
Prerequisite: None.
Laboratory: 3 hours.
This course provides the opportunity for members of the community to participate in the rehearsal and performance of choral music in an ensemble setting.

721CE Community Orchestra (0)
Prerequisite: None.
Laboratory, 4 hours.
This course is intended for older adults of intermediate ability on a string, woodwind, brass or percussion instrument. The class explores the varied repertoire for orchestra. Weekly rehearsals prepare the student to participate in public performances each semester.

751CE Community Wind Ensemble (0)
Prerequisite: None.
Laboratory, 3 hours.
This course is intended for older adults of intermediate ability on a woodwind, brass or percussion instrument. The class explores the varied repertoire for wind ensemble and concert band. Weekly rehearsals prepare the student to participate in public performances each semester.

771CE Community Guitar Ensemble (0)
Prerequisite: None.
Laboratory, 3 hours.
This course is intended for older adults of intermediate ability on a classical guitar. The class explores the varied repertoire for guitar ensemble and guitar orchestra. Weekly rehearsals prepare the student to participate in public performances each semester.

PARENTING (PARENT)

021CE Family Development and Communication (0)
Prerequisite: None.
Lecture, 0.67 hours.
This class is designed for students to explore the complex nature of the family. Understanding family roles and cultural beliefs is an integral part of this class. Family communication styles and good communication strategies are reviewed and practiced. Positive parenting skills are taught and reviewed. A notebook of community resources for strengthening families is created.

022CE School, Work and Family Balance (0)
Prerequisite: None.
Lecture, 0.67 hours.
This course will address issues related to today's modern family. Roles and responsibilities of family members will be discussed. Setting reasonable expectations on family members and learning to structure daily life will be discussed. The importance of clear family routines and boundaries with be explored. Understanding family and child development stages will be reviewed. Creating a plan for a safe, stable family environment will be developed. The importance of cultural beliefs and parenting styles will be discussed. Personal parenting goals will be set as well as appropriate goal setting strategies for children. Family stressors will be identified and community resources and supports will be explored.

SUPERVISED LEARNING ASSISTANCE (TUTOR)

001T Supervised Tutoring (0)
Prerequisite: None.
Laboratory, 20 hours.
Students will receive tutoring in designated subject areas in various tutoring labs on campus. Cumulative progress and attendance records will be maintained for this non-credit, open entry course.

VOCATIONAL EDUCATION (VOC ED)

096CE Blueprint for Workplace Success (0)
Prerequisite: None.
Lecture, 2 hours.
This class is designed to provide students with the necessary tools and skills to develop an understanding of themselves in the context of the workplace and assist them in the creation of a workplace portfolio (or "blueprint"). Topics covered include self-discovery, time management, job market realities, workplace skills, effective communication, contacting employers, interview preparation, getting hired, and maintaining employment.

098CE 30 Ways to Shine as a New Employee (0)
Prerequisite: None.
Lecture, 0.67 hours.
This course is designed to provide new and incumbent workers "30 Ways to Shine as a New Employee" and increase their level of effectiveness with workplace customer service and colleague relations. The topics will include achieving workplace goals, understanding workplace culture, being a team player, utilizing positive attitude, and formulating balance between home and work.

114CE Microcomputer Literacy I (0)
Prerequisite: None.
Laboratory, 2 hours.
This open-entry/open-exit course familiarizes students with computer workplace skills. Students will be exposed to a demonstration of word processing and the Internet.

115CE Microcomputer Literacy 2 (0)
Prerequisite: None.
Laboratory, 2 hours.
This open-entry/open-exit course will help to familiarize students with basic spreadsheet and PowerPoint applications. Students will distinguish between basic commands including: saving, deleting rows, and editing. The course will also cover the use of PowerPoint and its basic functions.

132CE Entertainment Business (0)
Prerequisite: None.
Lecture, 0.22 hours; Laboratory 0.11 hours.
Students will learn about the fundamentals of the business of entertainment, with an emphasis on finding work in this industry, as well as how to beneficially navigate emerging entertainment occupations in light of recent changes to the Law. The class will also give a brief overview of Intellectual Property Law, including, Copyright, Trade Secrets and Rights of Publicity. The approach for this class will be explaining key concepts that occur with the 6 phases that most entertainment projects go through (see § II.1, infra) and the correlative Contract, Intellectual Property and key deal points that occur within this foundational model. Assignments will include introduction to exemplar contracts and clauses.

152CE Gig Economy Careers in Entertainment - The Development Department (0)
Prerequisite: None.
Lecture, 0.5 hours.
The Development Process is a cornerstone of the entertainment industry and touches on all areas of the front office: project creation, packaging, response to script changes based on budget and logistics, handling test marketing results, and creating an effective marketing campaign. Career pathways include the development department, production management, legal and business affairs, talent management, and promotions/marketing. Learn how these processes influence the creative process.

153CE Gig Economy Careers in Entertainment: The First Assistant Director (0)
Prerequisite: None.
Lecture, 0.5 hours.
The first assistant director during the production process is a "set producer" who coordinates every physical aspect of production in order to allow the director to achieve their creative vision. Being an effective first assistant director requires a knowledge of every department as well as the language needed to communicate effectively. Understanding the role of the first assistant director duties is key to every aspect of physical production.

154CE Gig Economy Careers in Entertainment: Post Production (0)
Prerequisite: None.
Lecture, 0.5 hours.
The Post Production Process offers one of the most immediate paths into the entertainment industry and features many relatively new jobs. The Digital Imaging Technician is a bridge position between physical production and post production. This comparatively new position offers a potential gateway to the entire post production process and offers many jobs pathways in the technical area, which is also the most immediately high-paying of the sectors. Sound, visual effects, and achieving are constantly shifting opportunities. These jobs provide long-term career stability but also require a strong proficiency in technology and an ability to be adept at rapid changes in job descriptions and duties.

155CE Gig Economy Careers in Entertainment: Business Aspects (0)
Prerequisite: None.
Lecture, 0.5 hours.
The Entertainment Industry has always been based on the "gig economy" where craftspeople move from job to job rather than maintaining a long-term career at one particular corporation. However, the gig economy provides many unique challenges to both incoming and incumbent workers in terms of job acquisition, networking, financial planning, and long term overall strategies. Discover the ways to successfully navigate an entrepreneurial career.

158CE Introduction to Jewish Non-Profit Work (0)
Prerequisite: None.
Lecture, 3 hours; Laboratory 1 hour.
Students will learn about the fundamentals of the scope of work for Jewish nonprofits, including temples, community and faith-based entities. The approach for this class will be explaining key concepts that drive most management decisions for non-profits, as well as providing a solid grounding in Jewish studies that informs the program management and delivery of services typically provided by Jewish non-profits.

159CE Entertainment Business - Contracts & Negotiation (0)
Prerequisite: None.
Lecture, 0.22 hours; Laboratory 0.11 hours.
Students will apply the fundamentals of entertainment contracts learned in 132CE and undertake real-world analyses of specific contracts and negotiating clauses in the same to various situations that students will face in either searching for employment in the entertainment industry or in their work in the entertainment industry so as to how to beneficially navigate emerging entertainment occupations in light of recent changes to the Law. The approach for this class will be delving into how key concepts that occur with the 6 phases that most entertainment projects go through (see § II.1, infra) are addressed by specific contracts and contract-related issues (e.g., union and guild requirements). Assignments will analyze contractual language in light of current/emerging best commercial practices.

284CE Fundamentals of Robotics and Programmable Controllers (0)
Prerequisite: None.
Lecture, 0.33 hours; laboratory, 0.33 hours.
This noncredit course covers designing, building and programming robots and Programmable Logic Controllers (PLC). Hands on activities and projects will introduce students to basic robotic concepts, mechatronics and software development as they design, construct and program an autonomous robot and PLC. Students will learn while doing the activities and projects relevant to “real world” applications that use robotic control. RSLogix Allen-Bradley, industry standard ladder logic diagram, programming software will be used.

285CE Practical Robotics and Programmable Controllers (0)
Prerequisite: None.
Lecture, 0.33 hours; laboratory, 0.33 hours.
This noncredit course is a second more advanced robotics certification class where students will build and explore robots brain and hardware. Hands on projects and activities will include a combination of mechanics, electronics and problem solving. Students will learn by designing and building advanced robotics projects using the Parallax Boe-Bot robot. The mechanical principles, computer program listing, and electronic circuits, that students will use, will be similar and sometimes the same as "real world" industrial robotics applications. Navigation using numerous sensor inputs, feedback and various control techniques, and navigation using programmed artificial intelligence will be applied.

423CE Introduction to Insurance (0)
Prerequisite: None.
Lecture, 0.56 hours; laboratory, 0.11 hours.
Students will learn about the fundamentals of the insurance industry, with a focus on the property/casualty insurance market(s), in order to encourage students to seek further training in order to prepare them to work in one or more of the fields of insurance (e.g., Sales, Administration, Agent Training, Insurance Adjusting).

424CE Fundamentals of Insurance - Property/Casualty and Health (0)
Prerequisite: None.
Lecture, 0.28 hours; laboratory; 0.39 hours.
Students will learn about the specifics of the property/casualty insurance and then move on to the life, health and reinsurance markets, all with a focus on encouraging students to seek further training in order to prepare them to work in one or more of the fields of insurance (e.g., Sales, Administration, Agent Training, Insurance Adjusting).

ACADEMIC POLICY

OPEN ENROLLMENT

Unless specifically exempted by law, every course for which State aid is claimed is fully open to any person who has been admitted to the college and who meets the appropriate academic prerequisites.

HOW TO ENROLL

1. File an application online and receive an appointment to enroll.
2. See Register for Classes Online on page 16 for instruction on how to enroll online, or by coming to the college in person.
3. If you miss your registration appointment, you may still register for classes anytime AFTER your scheduled appointment.

STUDENT RECORDS AND DIRECTORY INFORMATION

The Los Angeles Community College District, in compliance with Federal and State law, has established policies and procedures governing student records and the control of personally identifiable information. The Los Angeles Community College District recognizes that student records are a confidential matter between the individual student and the college. At the same time, the District has a responsibility, to fulfill public information needs (i.e., information about students participating in athletics, announcements of scholarships and awards, etc.). To meet this responsibility, the District may release Directory Information unless the student states in writing that he or she does not want it released. The responsibility for carrying out these provisions is charged to the college Records Officer, designated by the Chief Administrative Officer on each campus. The Records Officer may be contacted via the Office of Admissions and Records. Copies of the Federal and State laws and District policies and procedures are maintained by the Records Officer and are available for inspection and inquiry.

All student records maintained by the various offices and departments of the college, other than those specifically exempted by law, are open to inspection by the student concerned. The accuracy and appropriateness of the records may be challenged in writing to the Records Officer. A student has the right to receive a copy of his or her records, at a cost not to exceed the cost of reproduction. (Requests for transcripts should be made directly to the Office of Admissions and Records).

No student records, other than Directory Information, will be released without the written consent of the student concerned except as authorized by law. A log of persons and organizations requesting or receiving student record information is maintained by the Records Officer. The log is open to inspection only to the student and the community college official or his or her designee responsible for the maintenance of student records.

Directory Information includes the student's name, city of residence, date of birth, major field of study, participation in officially recognized activities and sports, weight and height of members of athletic teams, dates of attendance, degrees and awards received, and the most recent previous educational agency or institution attended by the student. Directory Information about any student currently attending the college may be released or withheld at the discretion of the Records Officer.

No Directory Information will be released regarding any student who has notified the Records Officer in writing that such information shall not be released.

All inquiries regarding student records, Directory Information, and policies for records access, release, and challenge should be directed to the Records Officer via the Office of Admissions and Records.

Students have the right to file a complaint with the United States Department of Education concerning alleged violations of Federal and State laws governing student records.

UNITS OF WORK/STUDY LOAD

STUDY LOAD LIMITATIONS

Maximum unit requirements are as follows:

Fall/Spring Semesters

1. The maximum study load is 19 units during a regular semester. The normal class load for students in the Fall or Spring semester is 12 to 19 units a semester for full-time students. A college program of 15 units is equal to at least a 50-hour work week for most students.
2. Students who desire to take 20 or more units must obtain counselor approval after the semester begins by presenting a **Permission Number** & **Attendance Verification Form** signed by the instructor for each class they wish to add.
3. The maximum study load for a student who has been on academic and progress probation for two consecutive semesters is 6 units. Students who desire to enroll in more than 6 units must obtain counselor approval.

Summer and Winter Sessions

1. Students are limited to a maximum study load of 9 units per session.
2. To enroll in two courses per session that total more than 9 units but do not exceed 10 units, students must go to the Office of Admissions and Records. No other enrollment unit requests will be considered until the session begins.

Students must see a counselor with a Permission Number and Attendance Verification Form signed by the instructor for each class they wish to add.

LIMITATIONS ON ENROLLMENT

- Students who drop or are excluded after the last day to drop without a grade of "W" will have a "W" appear on their transcript. The "W" will count as an attempt for that course.
- A course on a student's transcript which shows a recorded "W" counts as an attempt for that course.
- Students will not be allowed to register for any course within the LACCD if there are three recorded attempts for that course in any combination of W, D, F, or NP grades.
- Adds for a course within the LACCD will not be processed if there are three recorded attempts for that course in any combination of W, D, F, or NP grades.
- For courses specifically designated as "repeatable," students may repeat up to three times. (See Title 5 California Code of Regulations sections 55040, 55041, 58161).
- Where the student's number of enrollments in a course exceeds the allowable amount, the student may petition for an additional enrollment in cases of extenuating circumstances. Use the Course Repetition Petition available in the Office of Admissions and Records.

ENFORCEMENT OF 30-UNIT LIMIT ON BASIC SKILLS COURSES

Title 5, California Code of Regulations, limits a student from taking more than 30 units of "remedial" course work, which is defined as "nondegree-applicable basic skills courses." The LACCD registration system will prevent students who have exceeded this limit from enrolling in additional basic skills courses. However, a student who has reached this limit, but enrolls in a credit or non-credit English as a Second Language (ESL) course, will be allowed to also enroll in additional basic skills courses. Students with a learning disability may request an exemption through the Services for Students with Disabilities office. Also, this limitation does not apply to enrollment in non-credit basic skills courses.

PETITIONING THE 30-UNIT LIMIT ON BASIC SKILLS COURSES

Students may petition by submitting a General Petition to the Office of Admissions and Records. The petition must include a Student Educational Plan issued by a counselor.

The following courses are considered Basic Skills courses for purposes of this unit limitation:

- DEV COM 022A, 022B, 022C, 022D, 022E, 023, 035, 036A, and 036B.
- ENGLISH 072
- LRNSKIL 040, 041 and 044.
- MATH 100, 110 and 112.

PROGRAM CHANGES

It is essential that enrollment forms be completed accurately and carefully. While classes may be dropped any time before the end of the 11th week, "Permission Numbers" are processed online only through the published deadline.

SUPPLEMENTAL INSTRUCTIONAL MATERIALS

Some of the classes offered may require students to provide those materials which are of continuing value to the student outside of the classroom setting. These materials may be purchased at the campus bookstore and shall not be solely or exclusively available from the district.

ATTENDANCE

The only students who may attend classes are those who have been admitted to the college and are in approved active status.

Students are expected to attend every meeting of all classes for which they are registered. Violation of this regulation may result in exclusion from class as specified in Administrative Regulation E-13. Provisions of Administrative Regulation E-13 include the following:

1. STUDENTS WHO HAVE PREREGISTERED FOR A CLASS AND WHO DO NOT ATTEND THE FIRST MEETING OF THE CLASS FORFEIT THEIR RIGHT TO A PLACE IN THE CLASS. SPECIAL CIRCUMSTANCES MAY BE CONSIDERED BY THE INSTRUCTOR.
2. Whenever absences in hours exceed the number of hours the class meets per week, the instructor will consider whether there are mitigating circumstances which may justify the absences. If the instructor determines that such circumstances do not exist, the instructor may exclude the student from the class.
3. Three cases of tardiness may be considered equivalent to one absence.
4. It is the student's responsibility to consult with an instructor regarding any absences that would alter the student's status in the class. Instructors may be reached by calling, emailing, or writing to the instructor at the college address. Contact information can be found on the course syllabus or in the College Directory: www.lavc.edu/directory/index.aspx

AUDITING CLASSES

Students may be permitted to audit a class under the following conditions (Board Policy 4070):

1. Payment of a nonrefundable $15 per unit fee. Students enrolled in classes to receive credit for 10 or more semester units shall not be charged a fee to audit three or fewer semester units per semester.
2. No student auditing a course shall be permitted to change his or her enrollment in that course to receive credit for the course.
3. Priority in class enrollment shall be given to students desiring to take the class for credit.

Permission in the form of a signed "Add Permit" marked "Audit" must be obtained from the instructor. The fees are non-refundable and payment is due upon processing the audit form. Transferring from "credit" to "Audit" after the deadline to add is not permitted. Audit classes are not covered by Financial Aid.

ADDING CLASSES

1. After you submit your online application, you will receive an email with directions on how to follow our matriculation process.
2. You will be given an appointment to register for classes
3. You may enroll in open classes by using the online student information system.
4. To add classes once the semester begins, you must obtain a Permission Number from the instructor of the class. Use the Permission Number to add classes online.

CAMPUS PROCEDURE

No semester courses may be added after the normal add period (published in the Schedule of Classes). Short-term and Open-Entry/Open-Exit classes have different add periods. Check with the Office of Admissions and Records for deadlines. Attending classes without being properly enrolled is not permitted.

WITHDRAWING FROM A CLASS

Community colleges get their money from state apportionment. Apportionment is a set amount of dollars distributed to the college districts, based on enrollment. Each class you enroll in results in compensation to the college, and that is how the college stays open.

A "W" counts as an attempt, and you only get three attempts at any one course.

After that, the state won't pay the college for you to take the course again.

What this means for LAVC students:

- If you stay in a course past the "no penalty" withdrawal date and then drop or are excluded, you receive a grade of "W" and you have used one of your three attempts.
- When you have made three attempts at a class, with any combination of W, D, or F grades, you will not be able to register for the class again. You would have to try to take the class again at a college outside the Los Angeles Community College District.
- You may petition for one more attempt citing "extenuating circumstances;" however, for the most part the only extenuating circumstances that will qualify are military deployment or natural disaster.
- If your registration is blocked because of this rule, getting a Permission Number will not help.

What you should do:

- If you're going to drop, drop before the deadline so you won't get a "W".
- Be sure you're academically ready for classes in which you enroll.
- See a counselor to help you make good decisions about your educational plan.

It is the student's responsibility to withdraw officially. Consult the Academic Calendar for deadlines on http://lavc.edu/schedule.

DROPPING CLASSES

THROUGH THE 2nd WEEK: No notation ("W" or other) will appear on the student's record if the class is dropped during the first two weeks of the semester.

THROUGH THE 11th WEEK: A notation of "W" (withdrawal) is recorded on the student's record for classes dropped during the 3rd through the 11th week of the semester.

AFTER THE 11th WEEK: Students who remain in class beyond the 11th week (or 75% of the class for short-term classes) are given a grade by the instructor. THAT GRADE CANNOT BE A "W" (withdrawal). Consult the deadline calendar in the Schedule of Classes or contact the Office of Admissions and Records.

Students should refer to the class syllabus drop policy for courses that are less than 16 weeks.

ENROLLMENT/SCHEDULE CONFLICTS

Enrollment in more than one section of the same course during a semester is not permitted.

Enrollment in courses which are cross-referenced to each other (i.e., courses designated "same as" in the catalog) will be rejected by the computer.

The computer will also reject enrollment in classes scheduled or conducted during overlapping times.

CREDIT FOR PRIOR LEARNING

Credit for prior learning may be earned for eligible courses approved by the district for students who satisfactorily pass an authorized assessment. Authorized assessments may include the evaluation of approved external standardized examinations, Credit for Military Service/Training, student-created portfolios, and credit by examination. The Chancellor shall consult with the District Academic Senate and rely primarily on the recommendations of the District Academic Senate to establish administrative procedures to implement this Board Policy

Credit may be earned by students who satisfactorily pass authorized examinations. (Board Policy 4235)

CREDIT BY EXAMINATION

Some courses in the college catalog are eligible for credit by examination.

1. Method of obtaining credit by examination:

Satisfactory completion of an examination written, administered and graded by the discipline faculty at the college in lieu of completion of a course listed on the approved list below (Courses Approved for Credit by Examination).

2. Determination of eligibility to take the examination

C. The student must be currently registered in the college and in good standing with a minimum grade-point average of 2.0 in any work attempted at the college.

D. The student must have completed 12 units within the L.A. Community College District, unless the petition is for a Career Technical Education course with an approved high school articulation agreement.

E. The course for which credit is requested must be listed on the approved list below (Courses Approved for Credit by Examination).

F. The student is not currently enrolled in, or has completed a more advanced course in the discipline.

3. Maximum Credit Allowable and Limitations

D. Students may petition for a total of 15 units for credit by examination. A student who does not pass the exam for a course may not repeat the exam.

E. Credits acquired by examination are not applicable to the meeting of such unit load requirements as Selective Service deferment, veterans' or Social Security benefits or scholastic honors.

F. Units for which credit is given shall not be counted in determining the 12 semester hours of credit in residence.

G. A student who does not pass the exam for a course may not repeat the exam.

4. Filing a Petition

Students must obtain a Credit by Examination card from the Office of Admissions and Records, complete it, and return it to the Office of Admissions and Records for verification of eligibility. After verification is complete, students must take the card to the appropriate department chairperson. The date and time of the examination are the responsibility of the department chair and/or faculty involved. Further information on this topic may be obtained from the Office of Admissions and Records and/or department chairperson of the subject area concerned.

COURSES APPROVED FOR CREDIT BY EXAMINATION

Administration of Justice – All Classes
Architecture – All Classes
ART 501, 600, 604
BRDCSTG 025, 026, 046, 047
BUS 031
CAOT 037, 124
CH DEV 001, 172
ELECTRN 002
ENG GEN (Engineering, General) 101
EGT (Engineering, General Technology) 211, 212
GEOG 001, 002
GEOLOGY 001, 002
INTBUS 001
MATH 115, 120, 125, 215, 227, 238, 240, 245, 260, 265, 266, 267, 270, 275
MEDIART 100, 101, 104
NRSCE 101, 102, 103, 104, 105
OCEANO 001
PHYSICS 005, 012
PHYS SC 001
PHOTO 010
RESP TH 001, 002, 003, 004, 005, 006, 007, 011, 015
THEATER 100, 110, 301
Tool & Manufacturing - All Classes

CREDIT FOR EXTERNAL EXAMS

Students may be awarded credit for external exams once enrolled at the college. Each external exam follows distinct policies. Students who take an Advanced Placement (AP) Exam, and International Baccalaureate (IB) Exam or College-Level Examination (CLEP) Program in the same topic area will receive credit for only one exam. The college will award credit for the exam that most benefits the student.

ADVANCED PLACEMENT (AP) EXAM CREDIT

Course equivalency for Advanced Placement exams, for purposes other than meeting general education and graduation competency requirements for the Associate Degree, are described below. To be eligible to receive credit for Advanced Placement exams, the student must be enrolled at Los Angeles Valley College during the semester in which credit is to be granted. Advanced Placement

exam scores must be 3 or higher in order to receive credit. Official AP score reports from the College Board must be sent directly to the Office of Admissions and Records.

Please refer to page 27 for a chart on how general education credit is earned for the IGETC general education plan requirements. Please refer to pages 32-34 for a chart on how general education credit is earned for CSU general education certification. Please refer to page 40-41 for a chart on how general education credit is earned for LAVC general education. The amount and type of transferable credit granted towards a university's admission or major requirements are determined by that university's AP policies and not by Los Angeles Valley College's policies; a university's policies often differ from Los Angeles Valley College's policies. See a counselor for further information. Credit acquired by AP exams is not applicable towards meeting unit load requirement of Veterans Administration benefits, Social Security benefits, or athletic eligibility.

The following is a list of course equivalencies for Advanced Placement exam. This course equivalency information is used for satisfying Associate Degree major or Certificate requirements.

COLLEGE LEVEL EXAMINATION PROGRAM (CLEP) CREDIT

1. ***Course Equivalency***
   Course equivalency for CLEP (College-Level Examination Program) exams, for purposes other than meeting the LACCD General Education Plan and Graduation Competency requirements for the Associate Degree, shall be determined by the college, using policies developed in consultation with the college's Academic Senate, in accordance with the provisions of Administrative Procedure 4100.

   Course equivalency does not award unit credit. For unit credit policy, see item 3 below.

2. Use of CLEP exams for meeting LACCD General Education Requirements and Graduation Competency Requirements for the Associate Degrees

   Students must receive a passing score (50) on most CLEP exams, except Foreign Language level 2 exams which require a higher score as noted on pages 43-44.

   Students who take an Advanced Placement (AP) exam, an International Baccalaureate (IB) exam or College-Level Examination Program (CLEP) exam in the same topic area will receive credit for only one exam. (For example, if a student takes both the CLEP exam in Biology and the AP exam in Biology, they will only be awarded credit for one exam because the topics are duplicative). The college should award credit for the exam that most benefits the student.

3. ***CLEP Unit Credit***
   For the purpose of granting unit credit towards meeting General Education and Graduation Competency requirements, the LACCD shall follow the guidelines for CLEP credit set by the American Council on Education:
   - 3 semester hours recommended in the case of a half-year course.
   - 6 semester hours for most full-year courses.
   - 12 semester hours for Level 2 Foreign-Language exams equivalent to four semesters of college level foreign language course work.

For information on how the CLEP exams apply toward the CSU, see Page 35 -37: CSU System-wide Credit for External Examinations and page 42-44: LACCD Credit for External Examinations.

INTERNATIONAL BACCALAUREATE (IB) CREDIT

The International Baccalaureate (IB) Diploma Program is a challenging two-year curriculum, primarily aimed at students aged 16 to 19. The IB Diploma Program is a comprehensive and challenging pre-university course of study, leading to examinations that demand the best from motivated students and teachers.

Los Angeles Valley College will grant units towards general education and/or the associate degree as described in the chart on page 44. This chart also indicates the passing score required for each exam. A passing score on any one of the following exams fulfills the Reading and Written Expression Competency Requirement as required in Administrative Procedure 4100: IB Language A1 (English) HL or IB Language A2 (English) HL. A passing score on the IB Mathematics HL Exam fulfills the Mathematics Competency Requirement as required in Administrative Procedure 4100. Credit is only given for the Higher Level (HL) exams. No credit is given for Standard Level (SL) exams. For information on how IB credit is applied toward the CSU Breadth GE, refer to page 32-37, and for IGETC GE, refer to page 27-29.

AP EXAM	COURSE EQUIVALENCY	AP EXAM	COURSE EQUIVALENCY
Calculus AB	MATH 261	German Language	GERMAN 002
Calculus BC	MATH 261	Human Geography	GEOG 002
Calculus BC/AB Subscore	MATH 261	Music Theory	MUSIC 201
Comparative Government & Politics	POL SCI 002	Physics B	PHYSICS 006 & 007
English Language	ENGLISH 101	Physics C (Mechanics)	PHYSICS 037
English Literature Score of 3 or 4	ENGLISH 101	Psychology	PSYCH 001
English Literature Score of 5	ENGLISH 101+ 102	Spanish Language	SPANISH 004
Environmental Science	ENV SCI 001	Spanish Literature	SPANISH 004
European History	HISTORY 002	Statistics	STAT 101
French Language	FRENCH 004	U.S. Government & Politics	POL SCI 001
French Literature	FRENCH 004	U.S. History	HISTORY 011

TRANSFER CREDIT PROCEDURES

Los Angeles Valley College accepts degree-applicable coursework completed at other colleges for the purpose of satisfying the LACCD Associate Degree general education plan, graduation competency, and unit (elective) credit using the following guidelines*:

1. Coursework must be completed at an institution accredited by a recognized United States regional accrediting body. Note: For coursework taken at institutions of higher learning outside the United States, see Foreign Transfer Credit Procedures on page 19.

2. Coursework must be degree applicable at the originating institution.

3. The student must submit official transcripts to Los Angeles Valley College. These transcripts must be mailed directly from the originating institution to:
Los Angeles Valley College
Office of Admissions and Records –
ATTN: Graduation Office
5800 Fulton Avenue, Valley Glen, CA 91401

4. Students may receive credit for the following:

- LACCD General Education Plan

  The college will honor each course in the same general education area in which the originating institution placed each course. Equivalency to an LACCD course is not required and does not prohibit application of the course to an alternative general education area, if deemed beneficial to the student.

  Courses taken at the originating institution that do not appear on that college's general education pattern will be applied to an LACCD general education area based on course content equivalency to a general education course offered at an LACCD campus.

Note: for applicability to statewide transfer general education patterns refer to IGETC Standards, and CSU Executive Order 1100.

- LACCD Competency Requirement

  A minimum grade of "C-" is required in each course used to fulfill the English and Mathematics competency requirement.

- LACCD unit (elective) credit. There is no maximum on the number of units that may be applied to local associate degrees. The LACCD residency requirement must still be met per Administrative Procedure 4100.

- LACCD Course Credit

  To determine whether the courses taken at other U.S. regionally accredited institutions of higher education are equivalent to courses in the college's curriculum, please discuss transcripts with a counselor. This determination will be in accordance with the provisions of Chapter XVIII of the Board Rules – Academic Senate and the Board of Trustees Shared Governance Policy.

5. Schedule an appointment with a counselor to evaluate your transcripts.

**This policy does not apply to Associate Degrees for Transfer (ADTs): refer to the LACCD ADT Reciprocity Guidelines.*

FOREIGN TRANSFER CREDIT PROCEDURES

Los Angeles Valley College accepts degree-applicable coursework completed at other colleges or universities outside the United States for the purpose of completing LACCD Associate Degree general education, graduation competency, and unit (elective) credit for course work. This policy does not apply to Associate Degrees for Transfer (ADTs), IGETC or CSU GE: refer to the LACCD ADT Reciprocity Guidelines.

1. Students petitioning for credit must provide comprehensive, detailed, course-by-course evaluation of their transcripts completed by an independent transcript evaluation service approved by the California Commission on Teacher Credentialing.

2. Students may receive credit for the following:

   a. LACCD General Education Plan, excluding Area B1 American Institutions.

   b. LACCD Competency Requirement, excluding Reading and Written Expression.

   c. LACCD unit (elective) credit. There is no maximum on the number of units that may be applied to local associate degrees. The LACCD residency requirement must still be met per Administrative Procedure 4100.

   d. LACCD Course Credit

      - To determine whether the courses are equivalent to courses in the college's curriculum, please discuss transcripts with a counselor. This determination will be in accordance with the provisions of Board Policy 2510 (BP 2510).

      - Courses that are part of a program that also meets licensing requirements, must be approved by the receiving college, in accordance with college policies developed in consultation with the college's Academic Senate in accordance with the provisions of BP 2510.

3. This evaluation is valid only in the Los Angeles Community College District and may not necessarily meet the requirements of other colleges and universities.

4. To complete this process at Los Angeles Valley College, a student must:

   a. Have the evaluation mailed to:
   Los Angeles Valley College
   Office of Admissions and Records –
   ATTN: Graduation Office
   5800 Fulton Avenue, Valley Glen, CA 91401

   b. Once the evaluation is received by the college, complete a General Petition requesting credit for foreign

coursework that:

- Lists the courses for which you are requesting credit.
- Specifies the type of credit being requested (unit or course equivalent).

c. Submit the General Petition and a copy of evaluation to the Office of Admissions and Records – Records Counter. You will be notified about the status of your petition via email to your LACCD email account.

AWARDING CREDIT

Los Angeles Valley College will recognize work completed at other accredited colleges and experiences outside of the traditional classroom setting.

Acceptance of Courses to Meet Associate Degree and General Education Requirements

Los Angeles Valley College will accept degree-applicable coursework completed at other colleges for the purpose of Associate Degree requirements using the following guidelines:

1. Coursework must be completed at an institution accredited by a recognized regional accrediting body.
2. Coursework must be Associate Degree applicable
3. A student must submit official transcripts from the originating institution consistent with current Board policy.
4. The college will honor each course in the same general education area in which the originating institution placed each course. Equivalency to an LACCD course is not required and does not prohibit application of the course to an alternative general education area, if deemed beneficial to the student.
5. Courses taken at the originating institution that do not appear on that college's general education pattern will be applied to an LACCD general education area based on course content equivalency to a general education course offered at an LACCD campus.
6. A minimum grade of "C" (2.0) is required in each course used to fulfill the English and Mathematics competency requirement.

CREDIT FOR MILITARY SERVICE

Credit for military service will be awarded toward Associate Degree requirements as follows:

*Three units of credit towards LACCD Associate Degree general education Area E: Health and Physical Education (Administrative Procedure 4100)

*Three units of elective credit toward the 60 units required for an associate degree

2. Application Requirements

*Complete an LACCD Application

*Arrange for all transcripts (including AARTS, SMART, and CCAF) and other application materials to be sent to the LACCD campus of attendance

*Provide verification of U.S. Military service as follows:

- Military Personnel on Active Duty: documentation must verify at least 181 days of active duty
- Former Military Personnel currently NOT on Active Duty: Active Duty documentation (DD 214) must indicate student's length of service, which must include 181 days of active duty.

3. Acceptable Documentation for Verifying Military Course Completion

*Army/American Council on Education Registry Transcript System (AARTS)

*Form DD 295, "Application for the Evaluation of Learning Experiences During Military Service."

*DD Form 214, "Armed Forces of the United States Report of Transfer or Discharge."

*Course completion certificates

*Sailor/Marine American Council on Education Registry Transcript (SMART)

*Community College of the Air Force (CCAF) Transcript

*Defense Acquisition University (DAU) Transcript

4. There is no LACCD residency requirement. Students may receive military credit upon entrance to any college within the LACCD.
5. Transcript Annotation - *The student's academic record shall be clearly annotated to reflect that credit was earned by assessment of prior learning in keeping with the provisions of Administrative Procedure 4235.

CREDIT FOR LAW ENFORCEMENT ACADEMY TRAINING

1. Credit for basic recruit academy training instructional programs in Administration of Justice or other criminal justice occupations shall, for the purpose of meeting certificate of achievement and associate degree major requirements, be granted as follows:

*Credit will be given for training from institutions which meet the standards of training of the California Peace Officers Standards and Training Commission.

*Course credit may be granted, if the faculty in the discipline determine that the content of the academy training is equivalent to courses offered in the discipline.

*One (1) unit of credit may be granted for each 50 hours of training, not to exceed 18 semester units or their equivalent.

2. This only applies to training received at public law enforcement academies; training provided by private agencies does not apply.
3. Credit awarded for law enforcement academy training will appear on that portion of the transcript designated for course and test equivalencies.

CAMPUS PROCEDURE

The college makes the final judgment regarding the acceptability of courses from non-accredited schools.

COURSES THAT A STUDENT MAY TAKE FOR A LETTER GRADE OR PASS-NO PASS

The College President may designate courses in the college catalog wherein all students are evaluated on a "pass-no pass" basis or wherein each student may elect on registration or no later than the end of the first 30% of the term, whether the basis of evaluation is to be "pass-no pass" or a letter grade. These courses will be noted in the college catalog as being eligible for the "pass-no pass" option.

The pass-no pass grading system shall be used in any course in which there is a single satisfactory standard of performance for which unit credit is assigned. A grade of Pass (P) shall be assigned for meeting that standard (earning 70% or higher), and a grade of No Pass (NP) shall be assigned (earning a grade below 70%) for failure to do so.

The student who is enrolled in a course on a "pass-no pass" basis will be held responsible for all assignments and examinations required in the course and must meet the same standards of evaluation as required for all students.

Students considering taking courses for Pass-No Pass in their major field should see a Counselor or major field department chairperson in order to avoid loss of credit.

In addition to courses designated Pass-No Pass Only (CH DEV 172; COUNSEL 001, 004; DEV COM 022A-E, 035; EDUC 385; ENGLISH 072, 075; LRNSKIL 040, 044; MATH 100, MUSIC 190, 191, 192; NRSCE 190, 200-1, 200-2, 200-3, 200-4, 205), the courses listed below may be taken on a Pass-No Pass basis providing the student meets the requirements for enrollment on this basis. Information concerning the requirements is available in the Office of Admissions and Records. In order to take a class on a Pass-No Pass basis, the student must make such request in the Office of Admissions and Records by Friday of the 5th week of the semester.

- ADM JUS: 001, 003, 004, 005, 006, 039, 049, 185, 285, 385
- AFRO AM: 020
- ANTHRO: 101, 104, 111,116, 121, 385
- ARC: 173, 221, 271
- ART: 102, 103, 109, 112, 115, 116, 201, 501
- ASTRON: 001 & 005
- BRDCSTG: 003, 025, 028, 031, 045, 046, 047
- BUS: 032 & 038
- CAOT: 002, 009, 031, 032, 047, 078, 082, 084, 085, 086, 092, 097, 108, 123, 124, 185, 385.
- CHICANO: 002, 007, 008, 037, 042, 044, 054
- CH DEV: 029, 030, 031, 034, 036, 037, 039, 042, 047, 048, 053
- CINEMA: (non-majors only) 104, 105, 106, 107
- COLLEGE: 101
- COMM:102, 185, 285, 385
- DNCESPC: 161, 171, 172, 173, 174, 331, 332, 333, 334, 441, 442, 443, 444
- DANCEST: 185, 285, 301, 302, 801, 805, 814, 815, 816, 820, 822
- DANCETQ: 111, 112, 113, 114, 121, 122, 123, 124, 141, 142, 143, 144, 181, 182, 221, 222, 223, 224, 225, 231, 232, 233, 234, 437
- ECON: 008, 050
- EDUC: 002, 385
- ENG GEN: 101, 131, 151
- ENGLISH: 102, 105, 124, 125, 203, 204, 205, 206, 207, 208, 385
- ENV SCI: 007 & 022
- ENVSTDS: 101
- FINANCE: 002
- FIRETEK: 027, 096, 185, 202, 203, 204, 205, 206, 285, 385
- FRENCH: 001, 002, 005, 006, 021, 022, 025, 066, 185, 285, 385
- GEOG: 001, 002, 003, 009, 014, 015, 017, 030, 045
- GEOLOGY: 001, 002, 007
- GERMAN: 001, 002, 004, 005, 006, 063, 064, 066, 185, 285, 385
- HEALTH: 003
- HEBREW: 001, 002, 010, 385
- HISTORY: 001, 002, 005, 006, 007
- HUMAN: 001
- ITALIAN: 001, 002, 003, 004, 005, 185, 285, 385
- JEWISH: 001, 002, 004, 010, 011, 012, 025, 027, 035
- JOURNAL: 101, 105
- KIN: 008, 045, 046, 047, 049, 217-1, 217-2, 237-1, 268-1, 287-1, 301-1, 303-1, 303-2, 315-1, 315-2, 315-3, 315-4, 317-2, 326-1, 326-2, 326-3, 329-1, 334-1, 336-1, 350-1, 350-2, 350-3, 350-4, 364-1, 364-2, 369-1, 369-2, 369-3, 369-4, 370-1, 370-2, 370-3, 370-4, 371-1, 371-2, 371-3, 371-4, 373-2, 374-1,374-2, 374-3, 387-1, 387-2, 387-3, 387-4, 389-1, 389-2, 389-3, 391-1, 391-2
- LAW: 002 & 003
- LRNSKIL: 041
- LING: 001
- MGMT: 013
- MARKET: 001, 021, 031
- MATH: 120, 122, 185, 245, 260, 261, 263, 270, 275, 285, 385
- METEOR: 003
- MUSIC: 118, 136, 141, 180
- OCEANO: 001
- PHILOS: 001, 006, 009, 012, 014, 020, 028, 030, 035, 045
- POL SCI: 001 & 005
- PSYCH: 012, 014, 017, 032, 052, 060, 075, 090
- REAL ES: 005, 007, 009, 021
- RECR: 081
- SOC: 001, 002, 003, 004, 011, 012, 017, 019, 020, 021, 025, 031, 035, 084
- SPANISH: 001, 002, 004, 006, 009, 012, 016, 025, 027, 035, 036, 048, 066, 185, 285, 385
- THEATER: 100

(List subject to change)

NOTE: A STUDENT WHO HAS RECEIVED A GRADE OF "PASS" FOR A COURSE TAKEN ON A PASS-NO PASS BASIS MAY NOT CONVERT THE "PASS" GRADE TO A LETTER GRADE.

GRADING SYMBOLS AND DEFINITIONS

Administrative Procedure 4230

Only the symbols in the grading scale given in this section shall be used to grade all courses.

Grades shall be averaged on the basis of the point equivalencies to determine a student's grade-point average, using the following evaluative symbols:

Symbol	Definition	Grade Point
A	Excellent	4
B	Good	3
C	Satisfactory	2
D	Less than satisfactory	1
F	Failing	0
P	Pass (At least satisfactory – units awarded not counted in GPA. Has the same meaning as "CR" as that symbol was defined prior to June 30, 2007.) Applies to credit and noncredit courses.	
NP	No Pass (Less than satisfactory – units awarded but not counted in GPA. NP has the same meaning as "NC" as that symbol was defined prior to June 30, 2007.) Applies to credit and noncredit courses.	
SP	Satisfactory Progress towards completion of the course (used for noncredit courses only and is not supplanted by any other symbol)	

(P and NP grades may be given only in courses authorized by the District's Pass-No Pass Option and Credit By Examination Policies.)

The following non-evaluative symbols may be entered on a student's record:

Symbol	Definition
I	***Incomplete***

Incomplete academic work for unforeseeable, emergency, and justifiable reasons at the end of the term may result in an "I" symbol being entered in the student's record. The condition for removal of the "I" and the grade which is assigned in lieu of shall be stated by the instructor in an Incomplete Grade Record.

This record shall be given to the student, with a copy on file in the college Office of Admissions and Records until the "I" is made up and a final grade assigned, or when one year has passed. A final grade shall be assigned when the work stipulated has been completed and evaluated, or when the time limit for completing the work has passed. The "I" symbol shall not be used in calculating units attempted nor for grade-points. The "I" may be made up no later than one year following the end of the term in which it was assigned. The student may petition for a time extension due to unusual circumstances.

Symbol	Definition
IP	***In Progess***

The "IP" symbol shall be used only in those courses which extend beyond the normal end of an academic term. It indicates that work is "in progress," but that assignment of an evaluative symbol (grade) must await the course completion. The "IP" symbol shall remain on the student's permanent record in order to satisfy enrollment documentation. The appropriate evaluative symbol (grade) and unit credit shall be assigned and appear on the student's permanent record for the term in which the required work of the course is completed. The "IP" shall not be used in calculating grade-point averages. If a student enrolled in an "open-entry, open-exit" course is assigned an "IP" and does not re-enroll in that course during the subsequent term, the appropriate instructor will assign an evaluation symbol (grade) to be recorded on the student's permanent record for the course.

Symbol	Definition
RD	***Report Delayed***

The "RD" symbol may be assigned when there is a delay in reporting the grade of a student due to circumstances beyond the control of the student. The "RD" may be assigned by the Dean of Student Services only. It is a temporary notation to be replaced by a permanent symbol as soon as possible. "RD" shall not be used in calculating grade-point averages.

Symbol	Definition
W	***Withdrawal***

The "W" symbol may be used to denote withdrawal in accordance with the requirements of Title 5 Section 55024.

Withdrawal from a class or classes shall be authorized through the last day of the fourteenth week of instruction or 75% of the time the class is scheduled to meet whichever is less.

No notation ("W" or other) shall be made on the record of a student who withdraws before the census date of the course.

Withdrawal between the end of the fourth week (or 30% of the time the class is scheduled to meet, whichever is less) and the last day of the fourteenth week of instruction (or 75% of the time the class is scheduled to meet, whichever is less) shall be authorized after informing the appropriate faculty. A student who remains in class beyond the fourteenth week or 75% of the time the class is scheduled shall be given a grade other than a "W", except in cases of extenuating circumstances.

After the last day of the fourteenth week (or 75% of the time the class is scheduled, whichever is less) the student may withdraw from class upon petition demonstrating extenuating circumstances and after consultation with the appropriate faculty.

Extenuating circumstances are verified cases of accidents, illness, or other circumstances beyond the control of the student. Withdrawal after the end of the fourteenth week (or 75% of the

time the class is scheduled, whichever is less) which has been authorized in extenuating circumstances shall be recorded as a "W".

For purposes of withdrawal policies, the term "appropriate faculty" means the Instructor of Record for each course in question or, in the event the instructor cannot be contacted, the department chair or equivalent faculty officer. The "W" shall not be used in calculating units attempted nor for the student's grade-point average. "W's" will be used as factors in progress probation and dismissal.

A "W" shall not be assigned, or if assigned shall be removed, from a student's academic record, if a determination is made that the student withdrew from the course due to discriminatory treatment or due to retaliation for alleging discriminatory treatment or that the student withdrew because he or she reasonably believed that remaining in the course would subject him or her to discriminatory treatment or retaliation for alleging discriminatory treatment.

A student may not withdraw and receive a "W" symbol on his or her record more than three times for enrollment in the same course. A student may enroll again in the same course after having previously received the authorized number of "W" symbols in the same course, if a designated college official approves such enrollment after review of a petition filed by a student.

Symbol	Definition
MW	***Military Withdrawal***

The MW symbol may be used to denote military withdrawal in accordance with Title 5 Section 55024.

"Military Withdrawal" occurs when a student who is a member of an active or reserve United States military service receives orders compelling a withdrawal from courses. Upon verification of such orders, a withdrawal symbol may be assigned at any time after the period established by the governing board during which no notation is made for withdrawals. The withdrawal symbol so assigned shall be a "MW."

Military withdrawals shall not be counted in progress probation and dismissal calculations. "MW" shall not be counted for the permitted number of withdrawals.

The District shall refund the entire enrollment fee unless academic credit has been awarded.

Symbol	Definition
EW	***Excused Withdrawal***

The EW symbol may be used to denote excused withdrawal in accordance with Title 5 Section 55024.

"Excused Withdrawal" occurs when a student must withdraw from a course or courses under circumstances beyond their control. Upon verifiable documentation (i.e. job transfer, illness of family member, incarcerated student, subject to immigration action, chronic or acute illness, accident or natural disaster) a student may petition for an "EW" non-evaluative symbol.

Excused withdrawals shall not be counted in progress probation and dismissal calculations nor shall it be counted towards the permitted number of withdrawals or counted as an enrollment attempt.

The student with an approved "EW" grade may file a petition with the District requesting a refund of the enrollment fee unless academic credit has been awarded or they received the California College Promise Grant or a waiver of fees from AB19 funds.

GRADES AND GRADE CHANGES

The Instructor of Record for the course shall determine the grade to be awarded to each student.

The determination of the student's grade by the instructor is final in the absence of mistake, fraud, bad faith, or incompetency.

For purposes of this section, "mistake" may include, but is not limited to, clerical errors and errors made by an instructor in calculating a student's grade.

"Fraud" may include, but is not limited to, inaccurate recording or change of a grade by any person who gains access to grade records without authorization.

The removal or change of an incorrect grade from a student's record shall only be done pursuant to Education Code Section 76232 or by an alternative method that ensures that each student shall be afforded an objective and reasonable review of the requested grade change.

If the District's grade change process requires that a student first request a grade change from the instructor, provisions shall be made to allow another faculty member to substitute for the instructor if the student has filed a discrimination complaint, if the instructor is not available or where the District determines that it is possible that there may have been gross misconduct by the original instructor.

In the case of fraud, bad faith, or incompetency, the final determination concerning removal or change of grade will be made by the College President.

In all cases, the instructor who first awarded the grade will be given written notice of the change.

No grade may be challenged by a student more than one year from the end of the term in which the course was taken absent extenuating circumstances; if a college's academic senate has determined that extenuating circumstances apply, then that period

of time during which grades may be challenged should be more than one year, such longer period shall apply at that college.

Petitions for grade changes should follow the grievance process outlined in AP 5530.

HOW TO ACCESS YOUR GRADES

ACCESS GRADES ONLINE

1. Go to the LAVC homepage at www.lavc.edu and click on Register. This will take you to the New Student Information System (SIS) where you can register for classes and view grades.
2. Enter your Student ID Number and Password to login
3. Go to the Action Menus and select **View My Grades**

GRADING STANDARD

A course grade of "C minus" does not satisfy the "C or better" requirement for purposes of prerequisites, competencies or transfer to UC or CSU.

COURSE REPETITION

Certain courses in the catalog may be repeated for additional unit credit. These courses, marked RPT in the course description section of the catalog and in the schedule of classes, allow the student an expanded educational experience each time the student enrolls in the course.

ENROLLMENT IN ACTIVE PARTICIPATION COURSES

Effective Fall 2013, students enrolled in "active participation courses" in physical education (kinesiology), visual arts, or performing arts **are limited to 4 enrollments per "family" group** within the L.A. Community College District. All grades including withdrawals count as enrollments.

Even if a family contains multiple courses, a student can only take four of them. This applies to courses in the areas of **Music, Art, Dance Specialties, Dance Techniques, Kinesiology (Physical Education), and Theater.** Not all courses listed below are offered at Los Angeles Valley College but are offered at other colleges in the L.A. district. Note that courses within a family may be "leveled." That means, for example, beginning, intermediate, and advanced courses. Students still are limited to no more than four enrollments within the family group. For example, Kinesiology 251 has four levels: KIN 251-1, 251-2, 251-3, and 251-4. You could enroll once in each level. However, if you enrolled in KIN 251-1 twice (due to withdrawal or substandard grade) you effectively will have no opportunity to take KIN 251-4. Additions are made to the list on an ongoing basis as new curriculum is developed.

ART FAMILY GROUP	COURSES
1. Ceramics - A01	ART 708-714
2. Design - A02	ART 501-504, 520
3. Directed Studies - A03	ART 185, 285, 385
4. Drawing - A04	ART 100, 201-203, 209, 620, 621
5. Life Drawing - A05	ART 204-207, 215
6. Oil Painting - A06	ART 307-312
7. Sculpture - A07	ART 700-703, 706, 707
8. Water Color & Acrylic - A08	ART 213, 300-306
9. Printmaking - A09	ART 400-402, 407, 408, 411, 626

DANCE FAMILY GROUP	COURSES
10. Ballet Techniques - D01	DANCEST 806, 807 DANCETQ 111-114, 434, 460, 466
11. Latin and Social Dance - D02	DANCEST 457, 458 DANCETQ 321, 322, 411, 412, 419, 440, 473, 482 DNCESPC 321, 440-444, 459, 490
12. Dance Production - D03	DANCEST 814-816, 820, 821, 826
13. Hip-Hop Techniques- D04	DANCETQ 171-174 DNCESPC 171-174, 402
14. Jazz Techniques - D05	DANCETQ 121-124, 437, 463, 486
15. Modern Techniques - D06	DANCEST 801-803 DANCETQ 141-144, 431, 462, 467
16. Special Projects in Dance - D07	DANCEST 185, 262, 285, 385 DANCETQ 151-154, 290, 536-538, 570-573
17. Tap Dance - D08	DANCETQ 211-212, 446, 464 DNCESPC 331-334, 446
18. Yoga/Stress Mgmt - D09	DANCETQ 101, 181-182, 221-225, 228-229, 231-234, 241-242, 469, 696, 710
19. Dance Choreography - D10	DANCEST 301-304, 452
20. Dance Performance- D11	DANCEST 822-823 DNCESPC 161
21. Folk Dance Forms - D12	DANCETQ 421-422 DNCESPC 311-312, 490-492

KINESIOLOGY FAMILY GROUP	COURSES
22. Acrobatics - K01	All levels of KIN 206, 269, 273, 369
23. Aerobics, Circuit Training & Sport Specific Strength Training - K02	All levels of KIN 010, 020, 023-024, 045, 046, 048, 049, 050, 229-230, 232, 245, 246, 250, 326-333, 336-338, 345, 346, 350, 352
24. Aquatics -K03	All levels of KIN 047, 201-205, 300, 301, 303
25. Court Sports - K04	All levels of KIN 266, 271, 291, 366, 370, 371, 391
26. Directed Study - K05	All levels of KIN 008, 009, 032, 185, 285, 385, 500, 911, 921, 931, 941
27. Individual Activities - K06	All levels of KIN 051, 267, 268, 328, 364, 365, 368, 373
28. Martial Arts/Combatives - K07	All levels of KIN 215, 217, 315, 316, 317
29. Mind/Body Conditioning - K08	All levels of KIN 035, 234, 247, 249, 251, 265, 335, 340, 347, 349, 351, 374
30. Team Sports - K09	All levels of KIN 286-290, 386-390
31. Track & Field Mixed Activities - K10	All levels of KIN 180, 237, 272, 307, 334

MUSIC FAMILY GROUP	COURSES
32. Classical Guitar - M01	MUSIC 650-654, 661-664
33. Piano - M02	MUSIC 311-314, 321-324, 341, 351, 361 (All levels)
34. Brass Instruments - M03	MUSIC 601-604
35. String Instruments - M04	MUSIC 611-614
36. Woodwind Instruments - M05	MUSIC 621-624
37. Percussion Instruments - M06	MUSIC 631-634
38. Voice - M07	MUSIC 400-404, 411-414 , 431-434, 441, 453

THEATER FAMILIES GROUP	COURSES
39. Acting for the Camera - T01	THEATER 185, 230, 278, 285, 385
40. Acting Study & Professional Applied Acting - T02	THEATER 200, 260, 270-273, 274 (All levels), 275
41. Analysis of Theater - T03	All levels of THEATER 105
42. Directing - T04	THEATER 225, 227
43. Movement - T05	THEATER 265
44. Musical Theater - T06	THEATER 210, 212, 279-282
45. Professional Ensemble Performance - T07	THEATER 231-233, 235, 250, 262, 291-295
46. Professional Ensemble Vocal - T08	All levels of THEATER 246
47. Professional Performance Preparation - T09	THEATER 205, 276 (All levels), 277
48. Voice Theory - T10	THEATER 240, 242

FINAL EXAMINATIONS

Final examinations are held in all subjects according to a schedule published each semester. No student will be excused from a final examination. Should circumstances develop which justify a student's requesting a special examination at a time other than scheduled, the student must secure permission from the instructor.

PETITION FOR GRADUATION

Students expecting to graduate from the college with an Associate degree must file a petition for graduation early in the semester BEFORE they expect to complete their requirements. The deadlines for filing each semester are listed in the front of the Schedule of Classes. The Office of Admissions and Records in the Student Services Center, has the necessary forms. Students filing the petition will be notified of the results by email sent to their LACCD email account after the semester ends and grades are final.

ACADEMIC STANDARDS

ACADEMIC STANDARDS FOR PROBATION/DISMISSAL, DISQUALIFICATION AND LOSS OF CALIFORNIA COLLEGE PROMISE GRANT (FORMERLY BOARD OF GOVERNORS FEE WAIVER).

A student enrolled in the LACCD shall be placed on academic or progress probation under the following conditions:

A. Academic Probation. The student has attempted at least 12 semester units of work and has a grade-point average of less than a "C" (2.0).

B. Progress Probation. The student has enrolled in a total of at least 12 semester units, and the percentage of all units in

which they enrolled with recorded entries of "W" (Withdrawal), "I" (Incomplete), "NC" (No Credit) and "NP" (No Pass) reaches or exceeds fifty percent (50%).

California College Promise Grant (CCPG): Loss of Eligibility
A student eligible to receive a CCPG fee waiver shall lose eligibility if they are placed on academic or progress probation for two consecutive semesters. Loss of eligibility shall become effective at the first registration opportunity after such determination is made.

Foster youth, or former foster youth under the age of 24, are exempt from the loss of fee waiver due to academic or progress probation.

NOTIFICATION OF PROBATION, DISQUALIFICATION AND LOSS OF CALIFORNIA COLLEGE PROMISE GRANT (FORMERLY BOARD OF GOVERNORS FEE WAIVER).

Each college shall notify students placed on academic or progress probation of their status no more than 30 days after the end of the term that resulted in academic or progress probation. The notice shall clearly state that two consecutive primary terms of probation will lead to loss of the CCPG Fee Waiver.

Each college shall make reasonable efforts to provide counseling and other support services to help students on probation overcome academic difficulties. Colleges should also help mitigate potential loss of the CCPG Fee Waiver and ensure that students have the opportunity to receive appropriate counseling, assessment, advising, or other services on a timely basis.

Each college shall make reasonable efforts to notify a student of removal from probation, reinstatement after dismissal, and restoration of CCPG Fee Waiver within timelines established by the District. Probation, dismissal and loss of CCPG Fee Waiver policies and procedures shall be published in the college catalog.

APPEAL OF PROBATION AND LOSS OF FEE WAIVER

A student who is placed on academic or progress probation may submit a written appeal in compliance with regulations issued by the Chancellor.

APPEAL THE LOSS OF CCPG FEE WAIVER.

A student who has lost the CCPG fee waiver due to academic standing may submit a written appeal of that standing in accordance with existing regulations issued by the Chancellor.

Units attempted means all units of credit in the LACCD.

REMOVAL FROM/REINSTATEMENT OF CALIFORNIA COLLEGE PROMISE GRANT (FORMERLY BOARD OF GOVERNORS FEE WAIVER).

A student shall be removed from academic probation when his/her cumulative grade-point average is 2.0 or higher.

A student may also be removed from probation when the percentage of units for which entries of No Pass (NP), Incomplete (I), and/or Withdrawal (W) are recorded drops below fifty percent (50%).

A student may retain or reinstate the CCPG Fee Waiver based on achieving the minimum grade-point average or progress standard defined in Board Policy 4250.

INTERVENTION FOR STUDENTS ON PROBATION

Probation I – 1st semester Academic/Progress Probation
Students are notified that they are on probation and recommended to complete the online Probation Workshop.

Probation II – 2nd semester Academic/Progress Probation
Students are notified that they have been on probation for two semesters and that they have lost their registration priority. Students must complete the online Probation tutorial: "From Probation to Academic Success" AND attend an in-person Probation workshop.

The maximum study load for a student who has been on academic or progress probation for two consecutive semesters is 6 units during a regular (fall or spring) semester. Students who desire to enroll in more than 6 units must obtain counselor approval.

DISMISSAL

A student who is subject to dismissal, and who has not been continued on probation through the appeal process, shall be notified by the College President (or designee) of dismissal, which will become effective the semester following notification.

Dismissal from any one college in the District shall disqualify a student from admission to any other college in the District.

ACADEMIC DISMISSAL

A student who is on academic probation shall be subject to dismissal if the student has earned a cumulative grade-point average of less than 2.0 in all units attempted in each of 3 consecutive semesters.

A student who is on academic probation and earns a semester grade-point average of 2.0 or better shall not be dismissed as long as this minimum semester grade-point average is maintained.

PROGRESS DISMISSAL

A student who is on progress probation is subject to dismissal if the cumulative percentage of units for which he/she has received entries of No Pass (NP), Incomplete (I), and/or Withdrawal (W) reaches or exceeds fifty percent (50%) over a period of three (3) consecutive semesters.

APPEAL OF DISMISSAL

Students who are subject to dismissal and wish to remain on probation must file a petition/appeal with the college that notified the student that they are subject to dismissal.

READMISSION AFTER DISMISSAL

A student who has been dismissed must wait two major (fall and spring) semesters before requesting readmission. The student shall submit a written petition requesting readmission to his/her

home college. Readmission may be granted, denied, postponed subject to fulfillment of conditions prescribed by the colleges. Readmitted students are returned to probationary status.

ACADEMIC PETITIONS

Students may petition to the Academic Petitions Committee for waiver of certain college-wide academic requirements or for review of decisions affecting their academic status. Academic regulations contained in Title 5, California Administrative Code, are not subject to petition. Petitions may be filed in the Graduation Office in the Office of Admissions and Records.

ACADEMIC RENEWAL

Students may petition for an academic renewal action in order to alleviate substandard academic performance under the following conditions:

1. Students must have achieved a grade-point average of 2.5 in their last 15 semester units, or 2.0 in their last 30 semester units completed at any accredited college or university,
2. At least one calendar year must have passed since the course work to be removed was completed.

Granted, academic renewal shall result in:

1. Eliminating up to 30 semester units of coursework taken within the Los Angeles Community College District from consideration in the student's cumulative grade-point average, and
2. Annotating the student academic record to note which courses have been removed through academic renewal.

Academic renewal actions are irreversible.

Graduation honors and awards are to be based on the student's cumulative grade-point average for all college work attempted.

CAMPUS PROCEDURE

Petitions for academic renewal are available in the Counseling Department and the Office of Admission and Records.

COURSE REPETITION TO REMOVE A SUBSTANDARD GRADE

When a student repeats a course designated as repeatable to alleviate substandard academic work (a "D," "F," "FW," "NP," or "NC"), the previous grade and credit shall be disregarded in the computation of grade-point averages. No more than two substandard grades may be alleviated.

When course repetition under this section occurs, the student's permanent academic record shall be annotated in such a manner that all work remains legible, ensuring a true and complete academic history.

For the first and second repetitions of a course where a substandard grade was awarded, the highest grade earned shall be used when computing the student's cumulative grade-point average.

* See page 194 on limits on enrollment.

DUPLICATIVE CREDIT

Duplicative credit in non-repeatable courses should not be used towards the 60 units required for graduation regardless of whether or not the student petitioned to have the transcript annotated.

REPETITION OF COURSES IN WHICH A SATISFACTORY GRADE WAS RECORDED

a. Repetition of courses for which a satisfactory grade ("A", "B", "C", "CR", "P") has been recorded shall be permitted only upon advance petition of the student and with the written permission from the college president, or designee, based on a finding that extenuating circumstances exist which justify such repetition or that there has been a significant lapse of time since the student previously took the course. Significant lapse of time is defined as no less than 36 months since the most recent grade was awarded. (See AP 4228 Course Repetition – Significant Lapse of Time)

b. When course repetition under this section occurs, the student's permanent academic record shall be annotated in such a manner that all work remains legible, ensuring a true and complete academic history.

c. Grades awarded for courses repeated under the provisions of subsection "a" and "b" of this section shall not be counted in calculating a student's grade-point average.

d. When such repetition is necessary for a student to meet a legally mandated training requirement as a condition of continued paid or volunteer employment, such courses may be repeated for credit any number of times, and the grade received each time shall be included for purposes of calculating the student's grade-point average. The college shall establish policies and procedures requiring students to certify or document that course repetition is necessary to complete legally mandated training pursuant to this subsection. The college's process for certification or documentation of legal training requirements shall be developed in accordance with the provisions of Board Policy 2510.

e. A student may repeat any course if the college has properly established a recency prerequisite for a course, if there has been "significant lapse of time." In no instance shall this be less than three years.

f. A student with a disability may repeat a class any number of times, if such repetition is required as a disability-related accommodation for that particular student.

g. A student who receives a grade of SP in a noncredit course pursuant to repeatability regulations governing noncredit courses.

TRANSCRIPT

HOW TO ORDER YOUR TRANSCRIPT AND/OR VERIFICATION OF ENROLLMENT

You may order official transcripts and/or verifications of enrollment one of the following ways:

- **Online:** You may order your official transcripts and/or verifications of enrollment using the National Student Clearinghouse. Go to: www.studentclearinghouse.org/secure_area/Transcript/to_bridge.asp to order transcripts or go to: secure.studentclearinghouse.org to order a verification.
- **In-Person:** You may order your official transcripts and/or verification of enrollment in person at the Office of Admissions and Records. Payments in person must be made by cash, money order, personal check or credit cards.

REQUESTING TRANSCRIPTS FOR A STUDENT OTHER THAN YOURSELF

When requesting transcripts for another student, you must have the following:

- Written permission from the student
- LAVC Transcript Request Form filled out and signed by the student
- A copy of the student's ID (i.e. driver's license, state ID, or School ID

See the Family Educational Rights and Privacy Act (FERPA) for further information at www2.ed.gov/policy/gen/guid/fpco/ferpa/index.html .

OFFICIAL TRANSCRIPT/VERIFICATION PROCESSING FEES

The fees for official transcripts and/or verification of enrollment are:

Regular Transcripts.....$3 ea.
(7-10 business days)

Regular Verifications.....$3 ea.
(7-10 business days)

Rush Transcripts.....$10 ea.
(1-2 business days)

Rush Verifications.....$10 ea.
(1-2 business days)

TRANSCRIPT ACCEPTANCE POLICY

Official academic transcripts shall be received only by the Office of Admissions and Records, unopened, via U.S. mail directly from the institution providing the transcript. No transcripts are accepted directly from students.

AWARDS

HONORS WITH ASSOCIATE DEGREE

Summa Cum Laude – Graduates completing the required number of units to qualify for the Associate Degree and maintaining a 3.9 or more scholastic average in all work taken.

Magna Cum Laude – Graduates completing the required number of units to qualify for the Associate Degree and maintaining a 3.7 or more scholastic average in all work taken.

Cum Laude – Graduates completing the required number of units to qualify for the Associate Degree and maintaining a 3.3 or more scholastic average in all work taken.

PRESIDENT'S DISTINGUISHED HONOR AWARD

The President's Distinguished Honor Award is one of the most significant and praiseworthy honors available to students at Los Angeles Valley College. This certificate is awarded at the college commencement exercises. In order to be considered for the award, a candidate must:

1. petition for the Associate Degree, and
2. achieve a grade-point average of 3.7 or better in all LACCD college work attempted at the time of petition, and be in good standing, and
3. complete at least 50% of all units utilized for the award at Los Angeles Valley College, and
4. if graduation requirements will not be completed until the end of the spring semester, the student must achieve a grade-point average of 3.7 and be in good standing in all college work attempted at the end of the fall semester.

Please note: Spring candidates for this award will be listed as Candidates in the graduation program. After the final grade-point evaluation, if the student achieved a 3.7 GPA, he or she will be awarded the President's Distinguished Honor Award.

Students who possess associate, equivalent or advanced degrees are not eligible for this award.

PRESIDENT'S HONORS LIST

Students who have appeared on the full or part-time Deans Honors List for three (3) consecutive semesters will be placed on the President's Honor List. The designation Dean's Honors List and President's Honors List will be placed on qualifying students' transcripts.

DEAN'S LIST

Each semester, those students whose scholastic achievement is outstanding are given public recognition by means of the Dean's List. Also, a notation of this award is added to the student's transcript.

Both full-time students and part-time students are eligible for the Dean's Honor List. Full-time students are enrolled in 12 or more graded units and must have completed at least 12 graded units with a grade-point average (GPA) of 3.5 or above in the semester they are considered for inclusion on the Dean's List.

Part-time students are enrolled in 6 to 11 units in the qualifying semester. Part-time students must have completed 12 or more cumulative graded units to be considered for inclusion on the Dean's List, and they must have at least a 3.5 GPA in the qualifying semester.

RECORDING DEVICES, USE OF

Section 78907 of the California Education Code prohibits the use by any person, including a student, of any electronic listening or recording device in any classroom without the prior consent of the instructor is prohibited, except as necessary to provide reasonable auxiliary aids and academic adjustments to disabled students. Any person, other than a student, who willfully violates this section shall be guilty of a misdemeanor.

OFFICE OF THE OMBUDSPERSON

STUDENT GRIEVANCE PROCEDURES

The purpose of Administrative Regulation E-55 is to provide students a prompt and equitable means for resolving student grievances. The grievance procedure may be initiated by one or more students who reasonably believe he/she/they have been subject to unjust action or denied rights involving their status or privileges as students. It is the responsibility of the student(s) to submit proof of alleged unfair or improper action. Grievances pertaining to grades are subject to the CA Education Code Section 76224(a). For any matters requiring the attention of the Ombudsperson, and for additional information or resources, please contact Florentino Manzano at (818) 947-2691 or email him at manzanf@lavc.edu for a confidential communication.

For complaints surrounding actions dealing with alleged discrimination on the basis of ethnic group identification, religion, age, sex, color, sexual orientation, physical or mental disability, students are directed to contact Office for Diversity, Equity and Inclusion by calling (213) 891-2315 or via email at diversity-programs@email.laccd.edu.

GRADE GRIEVANCES - INFORMAL REMEDY

Grade grievances can be resolved informally for students. The first step for a student is to contact his/her professor to discuss the problem. If the issue is not resolved, or if the student is unable to meet with the professor, the next step is to contact the Department Chairperson. If a resolution is not met after meeting with the Department Chairperson, the next step is to meet with the area Dean over the department in the Office of Academic Affairs.

GRADE GRIEVANCES – FORMAL RESOLUTION PROCEDURES

The CA Education Code Section 76224(a) specifies that the instructor's determination of student grades shall be final, except in the cases of fraud, mistake, bad faith or incompetence. A student who reasonably believes, and has proof, that his/her instructor has issued an evaluative final grade based on any of these grounds, he/she is directed to contact the Ombudsperson at (818) 947-2320 for assistance. The Grievance Hearing Request must be made within one-hundred and twenty (120) calendar days of the date of the alleged incident that is the basis of the student's complaint.

STANDARDS OF STUDENT CONDUCT AND DISCIPLINARY ACTION

Community college districts are required by law to adopt standards of student conduct along with applicable penalties for violation (CA Education Code Sections 66017, 66300, 76030 and 76031.) The Los Angeles Community College District has complied with this requirement by adopting Board Policy 5500, Standards of Student Conduct and 91101, Student Discipline Procedures. The purpose of Board Rule 91101 is to provide uniform procedures to assure due process when a student is charged with a violation of the Standards of Student Conduct. All proceedings held in accordance with these Board Rules shall relate to the alleged violation of appropriate standards of student conduct. Discipline measures may be taken by the college independently of any charges filed through civil or criminal authorities, or both. [complete text of Board Rules can be found on https://www.laccd.edu/Board/Pages/Board-Rules.aspx]

The Board Rules on Student Discipline Procedures and Academic Dishonesty apply to all classes (face-to-face as well as distance education).

Los Angeles Valley College is dedicated to maintaining an optimal learning environment for students as outlined in Board Policy 5500.

These standards apply to all current students on campus, former students, online students, while attending any college-sponsored classes, activities or events. Violations of such rules, or behavior adversely affecting suitability as a student, may lead to disciplinary action.

POLICY ON ACADEMIC INTEGRITY

Violations of academic integrity include, but are not limited to, the following actions: Cheating on an exam, plagiarism, working together on an assignment, paper or project when the instructor has specifically stated students should not do so, submitting the same term paper to more than one instructor, or allowing another individual to assume one's identity for the purpose of enhancing one's grade. (Board Policy 5500)

The consequences for academic dishonesty can be determined by the instructor and/or with the assistance of the Vice President Student Services or designee. For repeat offenses, students are subject to progressive discipline penalties, as stated in the Notice of Charges (SD5), leading to suspension through expulsion from the LACCD.

Although the circumstances surrounding each situation of alleged academic dishonesty may differ, the following illustrate such examples:

1. In-class academic dishonesty, or otherwise known as "cheating," can occur when there is unauthorized looking at, procuring or sharing information from any unauthorized sources. An "authorized source" is from a college official. This can apply to looking at or operating any kind of electronic device during class when directed not to.

2. Out-of-class academic dishonesty, or otherwise known as "cheating," can occur when students obtain an unauthorized copy of sealed test questions or any other kind of exam that has not been published to the public at large. It also applies to changing, altering, or any other kind of falsification of a Scranton, essay, exam, or any other kind of test or college document with the intent of procuring another grade or benefit.

3. Plagiarism is the representation of expression of ideas from either published or unpublished work(s) as students' own. We encourage students to always cite sources to avoid the appearance of plagiarism. Using text from internet sources without proper citation is considered to be plagiarism.

4. Furnishing false information can take the form of forgery, falsification, alteration, or misuse of college documents, records, or identification in class or laboratory situations.

5. Attempting to bribe a college official with an object of value or money to procure a higher grade than earned is considered to be academic dishonesty.

EXAMPLES OF ACADEMIC DISHONESTY (NON-INCLUSIVE)

- Copying or procuring answers from another student during in-class or online exams and handing them in as one's own.
- The use of notes, books, dictionaries, or other references during an in-class or online exam that are not authorized by the instructor.
- Signing one's name to an official college document for another not present in class, in a lab, or for any other reason.
- Unauthorized use of electronic devices to communicate such as text messaging, cell phone, or emailing any other person during an in-class or online exam.
- Unauthorized talking during in-class exams.

CONSEQUENCES OF VIOLATING THE STANDARDS OF STUDENT CONDUCT

Student discipline sanctions for violations of the Standards of Student Conduct may result in a Warning, Reprimand, Restitution, Disciplinary Probation, Suspension for ten (10) days of less, Suspension for more than ten (10) days (with or without Subject to Reconsideration), Suspension from Financial Aid or Expulsion from the LACCD. Under Administrative Regulation, "Student discipline records that result in a suspension or expulsion are kept permanently. Student discipline records that result in a warning, reprimand, and disciplinary probation may be expunged after seven years." Because student discipline records are part of a student's academic record, discipline sanctions may affect transfer opportunities and/or gainful employment, depending upon the nature of the charge and circumstances surrounding the situation.

STANDARDS OF STUDENT CONDUCT:

A student enrolling in one of the Los Angeles Community Colleges may rightfully expect that the faculty and administrators of the Colleges will maintain an environment in which there is freedom to learn. This requires that there be appropriate conditions and opportunities in the classroom and on the campus. As members of the college community, students should be encouraged to develop the capacity for critical judgment, to engage in the sustained and independent search for truth, and to exercise their rights to free inquiry and free speech in a responsible, non-violent manner. In the furtherance of the students' interest in free inquiry and the search for truth, it is also important that students be able to hear the views of non-students and engage in the free exchange of ideas with non-students.

All persons shall respect and obey civil and criminal law, and shall be subject to legal penalties for violation of laws of the city, county, state and nation. All persons shall respect and obey the rules, regulations and policies of the Los Angeles Community College District.

Conduct in all of the Los Angeles Community Colleges must conform to District and college rules and regulations. Violations of such rules and regulations may result in disciplinary action depending on the individual's status as student, faculty, staff or visitor. Violations of such rules and regulations include, but are not limited to, the following:

1. Willful disobedience to directions of college officials acting in the performance of their duties.

2. Violation of college rules and regulations, including those concerning student organizations, the use of college facilities, or the time, place and manner of public expression or distribution of materials.

3. Dishonesty, such as cheating or knowingly furnishing false information to the colleges.

4. Unauthorized entry to or use of the college facilities.

5. Forgery, alteration or misuse of college documents, records or identification.

6. Obstruction or disruption of classes, administration, disciplinary procedures or authorized college activities.

7. Theft of or damage to property belonging to the college, a member of the college community or a campus visitor.

8. The malicious or willful disturbance of the peace or quiet of any of the Los Angeles Community Colleges by loud or unusual noise or any threat, challenge to fight, fight, or violation of any rules of conduct as set forth in this Article. Any person whose conduct violates this section shall be considered to have interfered with the peaceful conduct of the activities of the college where such acts are committed.

9. Assault or battery, abuse or any threat of force or violence directed toward any member of the college community or campus visitor engaged in authorized activities.

10. Any possession of controlled substances which would constitute a violation of Health and Safety Code section 11350 or Business and Professions Code section 4230, any use of controlled substances the possession of which are prohibited by the same, or any possession or use of alcoholic beverages while on any property owned or used by the District or colleges of the District or while participating in any District or college-sponsored function or field trip. “Controlled substances,” as used in this section, include but are not limited to the following drugs and narcotics:
    1. opiates, opium and opium derivatives
    2. mescaline
    3. hallucinogenic substances
    4. peyote
    5. marijuana
    6. stimulants and depressants
    7. cocaine

11. Possession, while on a college campus or at a college-sponsored function, of any object that might be used as a lethal weapon is forbidden all persons except sworn peace officers, police officers and other governmental employees charged with policing responsibilities.

12. Behavior while on a college campus or at a college-sponsored function, inconsistent with the District’s Non-discrimination Policy, which requires that all programs and activities of the Los Angeles Community College District be operated in a manner which is free of “Prohibited Discrimination,” defined as discrimination or harassment in violation of state or federal law on the basis of actual or perceived ethnic group identification, race, color, national origin, ancestry, religion, creed, sex (including gender-based sexual harassment), pregnancy, marital status, cancer-related medical condition of an employee, sexual orientation, age, physical or mental disability, or veteran status.

13. Any assemblage of two or more persons to 1) do an unlawful act, or 2) do a lawful act in a violent, boisterous or tumultuous manner.

14. Any agreement between two or more persons to perform illegal acts.

15. A direct or implied expression of intent to inflict physical or mental/emotional harm and/or actions, such as stalking, which a reasonable person would perceive as a threat to personal safety or property. Threats may include verbal statement, written statements, telephone threats or physical threats.

16. Conduct which may be considered disorderly includes; lewd or indecent attire or behavior that disrupts classes or college activities; breach of the peace of the college; aiding, or inciting another person to breach the peace of college premises or functions.

17. Theft or abuse of computer resources including but not limited to:
    1. Unauthorized entry into a file to use, read, or change the contents, or for any other purpose.
    2. Unauthorized transfer of a file.
    3. Unauthorized use of another individual’s identification and password.
    4. Use of computing facilities to interfere with the work of a student faculty member or college official, or to alter college or district records.
    5. Use of unlicensed software.
    6. Unauthorized copying of software.
    7. Use of computing facilities to access, send or engage in messages which are obscene, threatening, defamatory, present a clear and present danger, violate a lawful regulation and/or substantially disrupt the orderly operation of a college campus.
    8. Use of computing facilities to interfere with the regular operation of the college or district computing system.

18. Conduct while present on a college campus or at a location operated and/or controlled by the District or at a District-sponsored event, which is prohibited by local, State, or federal law.

19. Violations of Academic Integrity include, but are not limited to, the following actions: cheating on an exam, plagiarism, working together on an assignment, paper or project when the instructor has specifically stated students should not do so, submitting the same term paper to more than one instructor, or allowing another individual to assume one’s identity for the purpose of enhancing one’s grade.

20. Every person who, by physical force, willfully obstructs, or attempts to obstruct, any student or teacher seeking to attend or instruct classes at any of the campuses or facilities owned, controlled or administered by the Board of Trustees of the Los Angeles Community College District, is punishable by a fine not exceeding five hundred dollars ($500) or imprisonment in a county jail not exceed one year, or by both such fine and imprisonment. As used in this section, “physical force” includes, but is not limited to, use of one’s person, individually or in concert with others, to impede access to or movement within or otherwise to obstruct the students or teachers of the classes to which the premises are devoted.

21. Every person who attempts to cause, or causes, any officer or employee of any of the Los Angeles Community Colleges or any public officer or employee to do or refrain from doing, any act in the performance of his/her duties, by means of a threat to inflict any injury upon any person or property, is guilty of a public offense.

22. Every parent, guardian, or other person who assaults or abuses any instructor employed by the District in the presence or hearing of a community college student or in the presence of other community college personnel or students and at a place which is on District premises or public sidewalks, streets, or other public ways adjacent to school premises, or at some other place where the instructor is required to be in connection with assigned college activities is guilty of a misdemeanor.

23. Conduct which poses a threat of harm to the individual and/or to others. This includes, but is not limited to, the following types of conduct:
    1. Unsafe conduct in connection with a Health Services

Program (e.g., Nursing, Dental Hygiene, etc.);
2. Failure to follow safety directions of District and/or College staff;
3. Willful disregard of safety rules as adopted by the District and/or College; and/or
4. Negligent behavior which creates an unsafe environment.

DRUG-FREE ENVIRONMENT

The LACCD is committed to drug-free and alcohol-free campuses. Students and employees are prohibited from unlawfully possessing, using or distributing illicit drugs and alcohol on District premises, in District vehicles, or as part of any activity of the District or colleges of the District.

Board Policy 5500 prohibits the following: “Any possession of controlled substances which would constitute a violation of Health and Safety Code section 11350 or Business and Professions Code section 4230, any use of controlled substances the possession of which are prohibited by the same, or any possession or use of alcoholic beverages while on any property owned or used by the District or colleges of the District or while participating in any District or college-sponsored function or field trip. “Controlled substances,” as used in this section, include but are not limited to the following drugs and narcotics: opiates, opium and opium derivatives, mescaline, hallucinogenic substances, peyote, marijuana, stimulants and depressants, cocaine”

In addition to the above, the Los Angeles Community College District also enforces state laws relating to underage drinking, pursuant to Board Policy 5500.

STUDENT RIGHT-TO-KNOW DISCLOSURE

Student Right-to-Know Rates for Fall 2017 Cohort
Completion Rate: 25.63%
Transfer Rate: 10.84%

In compliance with the Student Right-to-Know and Campus Security Act of 1990 (Public Law 101-542), it is the policy of our college district to make available its completion and transfer rates to all current and prospective students. Beginning in Fall 2017, a cohort of all certificate-, degree-, and transfer-seeking first-time, full-time students were tracked over a three-year period. Their completion and transfer rates are listed above. These rates do not represent the success rates of the entire student population at the College nor do they account for student outcomes occurring after this three-year tracking period.

Based upon the cohort defined above, a Completer is a student who attained a certificate or degree or became ‘transfer prepared’ during a three-year period, from Fall 2017 to Spring 2020. Students who have completed 60 transferable units with a GPA of 2.0 or better are considered ‘transfer prepared ‘. Students who transferred to another post-secondary institution, prior to attaining a degree, certificate, or becoming ‘transfer prepared’ during a five-semester period, from Spring 2018 to Spring 2020, are transfer students.



DISTRICT AND COLLEGE POLICIES

NON-DISCRIMINATION POLICY

All programs and activities of the Los Angeles Community College District shall be operated in a manner which is free of discrimination on the basis of ethnic group identification, race, color, national origin, ancestry, religion, creed, sex, pregnancy, marital status, medical condition (cancer-related), sexual orientation, age, physical or mental disability (including AIDS), or veterans status (Reference: Board Rules Chapter 15).

COMPLAINT PROCESS NOTICE

Most complaints, grievances or disciplinary matters should be resolved at the campus level. This is the quickest and most successful way of resolving issues involving a California Community College (CCC). You are encouraged to work through the campus complaint process first before escalating issues to any of the following resources. Issues that are not resolved at the campus level may be presented:

- To the Accrediting Commission for Community and Junior Colleges (ACCJC) at www.accjc.org/ complaint-process if your complaint is associated with the institution's compliance with academic program quality and accrediting standards. ACCJC is the agency that accredits the academic programs of the California Community Colleges.
- To the CCC Chancellor's Office. Their website is: https://www.cccco.edu/Complaint-Process-Notice

For complaints surrounding actions dealing with alleged discrimination on the basis of ethnic group identification, religion, age, sex, color, sexual orientation, physical or mental disability, students are directed to contact the Office for Diversity, Equity, and Inclusion at the Los Angeles Community College District at (213) 891-2315. Students can also obtain a copy of the policy and procedures at the District website Office for Diversity, Equity, and Inclusion. The specific rules and procedures for reporting charges of Prohibited Discrimination and for pursuing available remedies are incorporated in the Board Rules in Chapter 15, B.R. 1501-1522.

POLITICA NO DISCRIMINATORIA

Todos los programas y actividades de los colegios de la comunidad de Los Angeles se administrarán de una manera que no discrimine respecto a la identidad de grupos étnicos, raza, color, nacionalidad, origen, ascendencia, religión, credo, sexo, embarazo, estado civil, condición médica (relacionada con cáncer), preferencia sexual, edad, incapacidad mental o física (incluyendo SIDA) o el ser veterano.

NON-DISCRIMINATION POLICY COMPLIANCE PROCEDURE

In order to ensure nondiscrimination policy compliance at Los Angeles Valley College, please direct inquiries to the Office for Diversity, Equity, and Inclusion by calling (213) 891-2315 or via email at diversity-programs@laccd.edu or Office for Diversity, Equity, and Inclusion. Matters involving Section 504 may be directed to the Office of Administrative Services, (818) 947-2606.

POLITICA DE ACUERDO CON LOS PROCEDIMIENTOS DE IGUALDAD DE OPORTUNIDADES

Para asegurar que se cumpla una política no discriminatoria en Los Angeles Valley College, favor de dirigirse a la oficina de Diversity Programs del Distrito, teléfono (213) 891-2315. Para la Sección 504, diríjase a la oficina de Administrative Services al (818) 947-2606.

LIMITED ENGLISH PROFICIENCY

Occupational education classes are open to all students. Although the lack of proficiency in English is no barrier to enrollment in occupational education courses, it is suggested that students deficient in English use the services of the college that are provided for persons who are limited in English proficiency or have English as a second language.

EQUAL OPPORTUNITY

It is the Los Angeles Community College District's policy to ensure that all qualified applicants for employment and employees have full and equal access to employment opportunity and are not subjected to discrimination in any program or activity of the District on the basis of actual or perceived ethnic group identification, race, color, naturalization, national origin (including language and accent), ancestry, religion, creed, sex (including gender-based sexual harassment), gender identity and expression, pregnancy, marital status, cancer-related medical condition of an employee, genetic information, sexual orientation, age, physical or mental disability, or veteran status.

The Board of Trustees commits the District to vigorous equal employment opportunity in all aspects of its employment programs, including recruitment, assignment, retention, promotion, and transfer. Inquiries regarding Equal Opportunity at Los Angeles Valley College should be directed to the Office for Diversity, Equity, and Inclusion by calling (213) 891-2315 or via email at diversity-programs@email.laccd.edu or Office for Diversity, Equity, and Inclusion.

SEXUAL ASSAULT POLICY

Los Angeles Valley College has a zero-tolerance policy for acts of sexual assault. The Los Angeles County Sheriff's Department, the provider of law enforcement services to the Los Angeles Valley College campus, will investigate all allegations of sexual assault on campus and appropriate disciplinary, criminal, or legal action will be taken.

If you become the victim of a sexual assault on or off campus:

- GET to a safe place
- DO NOT shower, bathe, douche, change or destroy clothing
- CONTACT the College Sheriff, M&O Building, (818) 947-2911
  - Immediate medical attention will be provided, as may be required.
  - Confidentiality will be maintained as required by law.
- SEEK medical attention
- SEEK emotional support, referrals, and crisis counseling from:
  - LAVC Health Services Center,
  - Student Union Building, 1st floor, (818) 763-8836
  - Strength United 24-hour HOTLINE

(818) 886-0453 https://www.csun.edu/eisner-education/strength-united (SU is a non-profit, multicultural Rape Crisis Center that provides information, referrals, and crisis counseling over the phone. If someone has been assaulted, an SU volunteer California State Certified Rape Crisis Advocate can be requested to meet the victim at the hospital, police station, or court to provide on-site emotional support, information, and advocacy.)

As soon as possible, the victim of a sexual assault, including date or acquaintance rape, should report the incident to the College Sheriff, or if the incident occurred off-campus, to the jurisdiction where the crime occurred. The victim should make every attempt to preserve any physical evidence of the assault. This may include a voluntary medical exam, not showering, and/or not disposing of any damaged clothing or other items that are present after/during the assault. Victims are encouraged to call the College Sheriff after a sexual assault for referral or transport to medical treatment, referral to crisis counseling and legal advocacy, and crime investigation. Sexual assault victims may choose to be assisted by college officials in notifying the proper authorities.

Disciplinary actions will be imposed on individuals found responsible for a sexual assault. College sanctions following campus disciplinary procedures depend on the outcome of the disciplinary proceedings and may range from suspension to expulsion. The accuser and the accused are entitled to the same opportunities to have others present during a campus disciplinary proceeding and both shall be informed of the outcome of the proceeding.

LAVC crime stats can be found online at www.lavc.edu/sheriff/Crime-Statistics.aspx or at ope.ed.gov/campussafety. A copy of the yearly report can be requested from the Los Angeles Valley College Sheriff's Office.

California law requires that certain statutorily-defined sex offenders notify community college law enforcement officials that they are present on campus in specific capacities. If you fall into this category, you must register with the College Sheriff's Dept. Office.

Any member of the College Community, which includes students, faculty, and staff, who believes, perceives, or actually experienced conduct that may constitute sexual harassment, has the right to seek the help of the College. Every employee has the responsibility to report such conduct when it is directed towards students to the Sexual Harassment Compliance Officer. Potential complainants are advised that administrative and civil law remedies, including but not limited to injunctions, restraining orders or other orders may be made available.

TITLE IX

Title IX of 1972 Education Amendments is a powerful tool for combating campus violence. The law requires colleges and universities receiving federal funding to address to gender-based violence and harassment, and to respond to complaints in order to ensure that all students have equal access to education.

Any sexual misconduct, as defined by Federal statue and California law, whether committed by an employee, student, or member of the public, occurring on college-owned or controlled property, at college-sponsored or supervised functions, or related to or arising from college attendance or activity is a violation of District policies and regulations, and is subject to all applicable punishment, including criminal and/or civil prosecution and employee or student discipline procedures.

NEW REGULATIONS

In May 2020, the US Department of Education issued new Title IX regulations mandating how colleges that receive federal funding must respond to sexual harassment and sexual misconduct under Title IX. In August 2020, these new Title IX regulations went into effect. To be compliant with the new regulations, LACCD adopted a new Administrative Regulation (C-15) to respond to Title IX complaints that meet specific criteria.

FILE A COMPLAINT

Contact your Deputy Title IX Coordinator or ODEI to file a District complaint to address Title IX issues, LACCD has designated a Title IX and Deputy Title IX Coordinators who are specially trained to work with individuals who report sexual misconduct and provide information about resources, support services, and procedural options. To make a report about a specific incident, please contact the Deputy Title IX Coordinator below assigned to your college or site within the District.

ANGELICA TOLEDO

Deputy Title IX Coordinator for East Los Angeles, Los Angeles Trade- Technical, Los Angeles Valley and Los Angeles Mission Colleges, and Van de Kamp Innovation Center (inclusive of all satellite campuses)
toledoa@elac.edu

DR. GENICE SARCEDO-MAGRUDER

Deputy Title IX Coordinator for West Los Angeles, Los Angeles Harbor, Southwest Los Angeles, Los Angeles City and Los Angeles Pierce Colleges, and the Educational Services Center (inclusive of all satellite campuses)
sarcedg@piercecollege.edu

VICTORIA FRIEDMAN

Deputy Title IX Coordinator for Title IX Policy and Procedure Inquiries District Compliance Officer
friedmv@laccd.edu

BRITTANY GRICE

Title IX Coordinator
Director of Diversity, Equity and Inclusion
213-891-2315
titleix@email.laccd.edu

REPORTING TO LAW ENFORCEMENT

You have the right to file a report with law enforcement as well as the District. You can file a criminal complaint with the Sheriff's Department at your College or local police department, depending on where the incident took place.

For a crime that occurred on campus, contact the Sheriff's Office at (818) 947-2911, or if off-campus, call 911.

LACCD TITLE IX POLICY & PROCEDURE

The LACCD Prohibited Discrimination and Harassment Policy, which covers sexual harassment and Title IX issues is in Chapter XV of the Board Rules.

To file a Title IX Complaint, you can contact the appropriate Title IX Coordinator or Deputy Coordinator above or submit a completed Complaint Form available online at https://www.laccd.edu/Departments/DistrictResources/OfficeOfDiversity/TitleIX/Pages/Reporting-an-Incident.aspx by email to titleix@email.laccd.edu.

To address and respond to Title IX issues, Title IX Coordinator and Deputies follow Administrative Regulations C-14 titled "Procedures for Prohibited Discrimination, Unlawful Harassment, and Sexual Misconduct Complaints" and C-15 titled "Responding to Harassment Based on Sex under Title IX."

DEPUTY TITLE IX AND DHR COORDINATOR

Office for Diversity, Equity, and Inclusion
Los Angeles Community College District Office
(213) 891-2315

LAVC prohibits discrimination, harassment, and retaliation (DHR) based on sex and gender (including sexual harassment, gender identity, and gender expression), race, color, pregnancy, ancestry, national origin, religion, creed, marital status, disability, sexual orientation, medical condition (cancer related), age (40 and above), and/or veteran status. This is in accordance with applicable federal and State law and District College policy. The policy applies to admission, access, and treatment in College programs and activities for all students.

To address Title IX and DHR issues, LACCD has designated a Deputy Title IX and DHR Coordinator for LAVC who is specially trained to work with individuals who report DHR complaints based on a protected class or sexual misconduct and provide information about resources, support services, and procedural options. Students who feel that they have been discriminated against or sexually harassed or who wish to discuss incidents of discrimination or sexual harassment may contact and/or file a complaint with Deputy Title IX and DHR Coordinator for LAVC, Angelica Toledo, via email toledoa@elac.edu or by phone at 213-891-2315. Dean Toledo's office is at the Office for Diversity, Equity and Inclusion housed at the District Educational Services Center located at 770 Wilshire Boulevard Los Angeles, CA 90017.

Copies of Administrative Regulations C-14 and C-15, LACCD's Title IX and DHR policies and procedures and relevant forms may be obtained online at https://www.laccd.edu/Departments/DistrictResources/OfficeOfDiversity/TitleIX/Pages/Reporting-an-Incident.aspx.

DIVERSITY PROGRAM

The policy of the Los Angeles Community College District is to implement affirmatively equal opportunity to all qualified employees and applicants for employment without regard to race, color, national origin, ancestry, religion, creed, sex, age, disability, marital status, sexual orientation, or veteran status. Positive action will be taken to ensure that this policy is followed in all personnel practices, including recruitment, hiring, placement, upgrading, transfer, demotion, treatment during employment, rate of pay or other forms of compensation, selection for training, layoff , or termination. Inquiries regarding equal opportunity practices at Los Angeles Valley College should be directed to the Office for Diversity, Equity, and Inclusion by calling (213) 891-2315 or via email at diversity-programs@email.laccd.edu or online at https://www.laccd.edu/Departments/DistrictResources/OfficeOfDiversity/Pages/default.aspx.

SMOKING POLICY

SMOKE-FREE AND TOBACCO-FREE GUIDELINES

Los Angeles Valley College is committed to providing a safe and healthy working and learning environment for the students, faculty, and staff on its campus. In Spring 2019, the college adopted smoke-free and tobacco-free guidelines, which promotes the following goals:

1. Protect the health and welfare of the campus and community at large by creating a healthy, smoke-free and tobacco-free culture, encouraging the cessation of smoking and the use of tobacco products, including electronic cigarettes, on the Los Angeles Valley campus.

2. Guarantee the right of nonsmokers to breathe smoke-free air, by recognizing that the need to breathe smoke-free air shall have priority over the desire to smoke.

3. Encourage a more productive living and learning environment for all members of our campus community.

Please refer to the LAVC Smoke-Free and Tobacco-Free Guidelines (PDF) for details on how the college is addressing smoking and tobacco usage on campus.

DEFINITIONS

A. "Electronic Smoking Device" means any product containing or delivering nicotine or any other substance intended for human consumption that can be used by a person in any manner for the purpose of inhaling vapor or aerosol from the product. The term includes any such device, whether manufactured, distributed, marketed, or sold as an e-cigarette, e-cigar, e-pipe, e-hookah, or vape pen, or under any other product name or descriptor.

B. "Hookah" means a water pipe and any associated products and devices which are used to produce fumes, smoke, and/or vapor from the burning of material including, but not limited to, tobacco, shisha, or other plant matter.

C. "Smoking" means inhaling, exhaling, burning, or carrying any lighted or heated cigar, cigarette, or pipe, or any other lighted or heated tobacco or plant product intended for inhalation, including hookahs and marijuana, whether natural or synthetic, in any manner or in any form. "Smoking" also includes the use of an electronic smoking device which creates an aerosol or vapor, in any manner or in any form, or the use of any oral smoking device for the purpose of circumventing the prohibition of smoking in this Article.

D. "Tobacco Product" means any substance containing tobacco leaf, including but not limited to, cigarettes, cigars, pipe tobacco, hookah tobacco, snuff, chewing tobacco, dipping tobacco, bidis, blunts, clove cigarettes, or any other preparation of tobacco; and any product or formulation of matter containing biologically active amounts of nicotine that is manufactured, sold, offered for sale, or otherwise distributed with the expectation that the product or matter will be introduced into the human body by inhalation; but does not include any cessation product specifically approved by the U.S. Food and Drug Administration for use in treating nicotine or tobacco dependence

SMOKING AND TOBACCO USE DISCOURAGED ON CAMPUS

The Los Angeles Valley College campus strives to be entirely smoke-free and tobacco-free. These Smoke-free and Tobacco-Free Guidelines apply to all Los Angeles Valley College facilities, property, and vehicles, owned or leased, regardless of location. Smoking and the use of tobacco products shall not be permitted in any enclosed place, including, but not limited to, all offices, classrooms, hallways, waiting rooms, restrooms, meeting rooms, community areas, and performance venues. Smoking and the use of tobacco products shall also be discouraged outdoors on all Los Angeles Valley College campus property, including, but not limited to, parking lots, paths, fields, sports/recreational areas, and stadiums, as well as in all personal vehicles while on campus. These guidelines apply to all students, faculty, staff, and other persons on campus, regardless of the purpose for their visit.

ACADEMIC AND STUDENT SUPPORT

COUNSELING DEPARTMENT

Counseling Services: The LAVC Counseling Department provides academic, transfer, career and personal counseling to assist students toward pursuing their educational goals. Services are offered both online and in-person. The Counseling Department, located in the Student Services Annex Building, and is open Monday-Thursday, 8 a.m.-7 p.m., and Friday, 8 a.m.-2 p.m.

General counseling appointments are scheduled at the Online Counseling Appointment Scheduling Desk at https://lavc.craniumcafe.com/directory/by-department or www.lavc.edu/counseling. Same day, "drop-in" appointments are available for brief counseling questions using the "Online Chat" feature on https://lavc.craniumcafe.com/counselingonlinehelpdesk1. Appointments are available by phone, online-chat, video, email, or in-person. Students are able to get additional assistance from the Online Counseling Help Desk where general questions will be answered by a counselor.

Specialized counseling is also available in the following programs:

- CalWORKs, ACA 1101
- Dream Resource Center, SSC 205
- Extended Opportunity Programs and Services (EOPS), SSC 217
- Mosaic Center, SSC 205
- Services for Students with Disabilities (SSD), SSA 175
- Science, Technology, Engineering, Math (STEM), MS 112
- TRiO, SSC 228
- Umoja Community/Black Scholars, CC 102
- Veterans Resource Center, SSC 205

COUNSELING COURSES:

It is recommended that all new students take a COUNSEL 001, 004 or 020 course prior to the completion of 15 semester units at Los Angeles Valley College. These courses assist students in utilizing campus resources, improving their study skills, career exploration and educational goal setting, transfer preparedness, and developing their Comprehensive Student Educational Plan (CSEP).

CAREER/TRANSFER CENTER

The Career/Transfer Center, located in the Counseling Department, provides services to assist students in selecting a major or career goal along with preparing to transfer or completing an Associate Degree and/or a Certificate at LAVC. Career exploration is offered in conjunction with counseling to assist students in self-discovery and decision making. The Career/Transfer Center offers assessments of achievement, interests, skills, values, personality and learning styles. The Virtual Career Center, on the Career/Transfer Center webpage (http://lavc.edu/transfer/index.aspx), offers students online access to career/major exploration including self-assessments and other career development resources. The Career/Transfer Center reference library and computer lab provides information about occupations as well as transfer opportunities and requirements. Representatives from 4-year colleges and universities are available to meet with students on a regular basis. For further information, contact the Career & Transfer Center in Student Services Annex or call (818) 947-2646 or visit www.lavc.edu/transfer. The center is open Monday-Thursday, 9:00 am – 7:00 pm. Friday, 9:00 am – 1:00 pm.

TUTORING

ACADEMIC RESOURCE CENTER:

www.lavc.edu/tutor.html, arc@lavc.edu, (818) 947-2922

Do you want better grades? Do you want more support in helping you succeed in your classes? Students who use academic resources and tutoring services succeed at a higher rate than those who do not use the services.

Take advantage of the following free resources available to LAVC students!

GENERAL TUTORING, LARC 213, 818-947-2744

The General Tutoring Center provides online and drop-in tutoring for many subjects such as chemistry, physics, statistics, accounting, and economics. The General Tutoring Center also provides free textbook and laptop rentals and provides study rooms available for reservations. Although we cannot guarantee a tutor for every subject, we strive to meet the needs of students.

MATH SKILLS LAB, LARC 226, 818-947-7263

The Math Lab provides online and drop-in tutoring for students to get help with their math homework. Three to four tutors are available at any given hour to work with students on a one-on-one basis for short periods of time as needed. The tutors circulate around the lab. In addition to tutoring services, the lab also provides the following: computers with math software, textbooks on reserve, a loan program for videos, CDs, and calculators, math worksheets, and class workshops.

THE WRITING CENTER, LARC 229, 818-947-2810

The Writing Center provides online and drop-in tutoring where students receive individualized help with any kind of writing, reading, or critical thinking assignment. Students can receive assistance through one-to-one and group tutoring sessions, writing workshops, and instructive handouts.

To work on their assignments independently, students are encouraged to use the Writing Center's computer lab for word processing, MLA format, printing, and Internet research. If students have an Internet connection at home, then they can take advantage of the Writing Center's comprehensive website that provides instructive handouts, self-guided tutorials, assistance for non-native speakers, and various links for research.

For more information about the Academic Resource Center tutoring services, visit www.lavc.edu/arc or contact Scott Weigand, Director, 818-947-2811, weigansm@lavc.edu.

BIOLOGY TUTORING LAB & RESOURCE CENTER, AHS 232

The Biology Tutoring Lab and Resource Center is located on the second floor of the Allied Health and Sciences Center (AHS 232) and is under the direction of Professor Erika Brockmann and Professor Lisa Zung. The Biology Tutoring Lab and Resource Center is open approximately 20 hours per week and provides students with study materials such as models, microscopes and slides, and supplemental materials provided by instructors. Tutoring includes all biology courses, microbiology, anatomy, and physiology. Join us there. Bring your Monarch card (student I.D.). Please contact Professor Erika Brockmann, (818) 778-5875, or Professor Lisa Zung, (818) 778-5878, Directors, AHS 216 & AHS 220 respectively.

All tutoring centers and the Computer Commons require a Monarch Card (student I.D.) for entry.

BECOMING A TUTOR

The best way to strengthen your understanding of a subject is to help someone else learn it. Being a tutor can provide professional experience that may enhance your career opportunities. It can also be a great source of personal satisfaction.

The minimum general requirements for becoming a tutor are:

- Having completed the course for which you will be a tutor with a grade of B or better
- Maintaining an overall GPA of 3.0
- Being enrolled in 12 units or 6 units and Cooperative Education
- Completing mandatory tutor training

To find out more about being tutor, contact: Scott Weigand, Director, 818-947-2811, weigansm@lavc.edu.

READING CENTER

The Psychology Department Reading Center, located in LARC 220, offers day and evening classes to improve reading and study skills: Individualized, one unit, credit/no credit programs may be offered in Developmental Communications 22, including computer-assisted instruction. These courses include: basic phonics and reading skills, intermediate reading, speed reading, comprehension, study skills, and vocabulary development at all levels. Diagnostic testing is available to all students. Please contact the instructor for drop-in appointments.

All students are encouraged to enroll in reading classes and to take advantage of practice materials, equipment, and counseling available to them in the lab. The program is especially recommended for those beginning college or returning to school. For information, call the Reading Center, (818) 947-2481.

LIBRARY

Located on the first floor of the LARC - Library and Academic Resource Center.

The LAVC Library provides access to a wealth of research materials, including books and ebooks; full-text articles from academic journals, magazines, and newspapers; and streaming media. The Library building has lots of natural light; comfortable study spaces for individuals and groups; access to computers, printers, and copy machines; and friendly Library faculty and staff committed to helping everyone find the information they need.

The Library website (lib.lavc.edu) is the gateway to research and reading materials, with online "Research Help" guides and an FAQ for self-directed learning. Librarians offer real-time help 24/7 through online chat, and in person, by phone, and by email during Library building open hours (posted on the Library website and at the Library entrance). Currently registered students, staff, and faculty can check out Library materials with a valid photo ID card + LAVC ID number, and can access online Library materials anywhere, anytime with a Library login. Members of the LAVC Alumni & Friends Association can also check out books.

Library Science credit courses (usually online) lay a great foundation in research and critical thinking skills for success in English 101 and many other college-level courses, the workplace, and students' personal lives. With LIB SCI 100 (3 units, UC:CSU, Media and Information Literacy), students planning for CSU transfer gain strong academic preparation while fulfilling the entire Area E GE requirement. LIB SCI 101 (1 unit, UC:CSU, College Research Skills) is a solid investment for any student, and is required for the TAP Honors program. Library instruction is also available through individual course sections (in consultation with individual instructors) in synchronous, asynchronous, in-person, and online modes; and any LAVC student, staff, or faculty can self-enroll in the online Library Research Toolkit workshop.

To learn more about the LAVC Library, please visit the Library website (lib.lavc.edu), call 818-778-5716, or visit in person.

ACADEMIC COMPUTING

Students who violate the District's Computer and Network Use policy (Administrative Policy 3720) may also be subject to college disciplinary action, including but not limited to, suspension or expulsion.

COMPUTER COMMONS

The Computer Commons is the College's open access computer lab equipped with a 95 computers, printers, scanners, copiers, and specialized software. The Computer Commons is located in LARC 234. Visit www.lavc.edu/computercommons for more information.





SPECIAL PROGRAMS

CalWORKS PROGRAM
(CALIFORNIA WORK OPPORTUNITIES AND RESPONSIBILITY TO KIDS)

The CalWORKs Program at LAVC is an educational, training, and job development program established for students who are receiving Temporary Assistance to Needy Families (TANF) benefits. Our goal is to provide an educational environment where students may develop the needed vocational skills leading to meaningful employment. Students may enroll in short-term trainings and other vocational programs offered by the college. The program provides specialized supportive services such as: academic counseling, child-care, tutoring, HiSET (High School Equivalency Testing) evaluation/official test, job development, Work Study, Life Skills/Parenting/Employment Workshops, resource referrals, and more. For more information, visit us in ACA 1101. Hours of operation: Monday through Thursday 8:30 am to 4:00 pm, Friday 8:30 am to 12:00 pm. Office hours subject to change without notice and additional hours are available by appointment.

Telephone: (818) 947-2976. Fax (818) 947-2975.
Email: rabanie@lavc.edu or calworks@lavc.edu
Website: www.lavc.edu/calworks

CITIZENSHIP CENTER

Prospective U.S. citizens, students and members of the community are welcome at the Los Angeles Valley College Citizenship Center. Services include: preparation of various United States Citizenship and Immigration Services (USCIS) forms, ESL and El Civics classes, mock interviews, and study materials The Center is located in the Administration & Career Advancement Building, (ACA) Room 1401. The Citizenship Center is open Monday through Friday 8:00 a.m. to 3:30 p.m.. Phone number is 818-947-5594. You may also contact email Citizenship Program Specialist at gevorgl@laccd.edu.

COMMUNITY SERVICES AND EDUCATION

The Community Services office offers classes in recreational, creative, educational, cultural, and business-oriented subjects. Most Community Education classes are designed for the adult learner and are offered in the evenings and on weekends to meet the needs of working adults and seniors. In addition to adult not-for-credit classes the department also offers a small number of programs for youth in the community. These include summer and vacation camps, gymnastics and aquatics All Community Education classes are not-for-credit, although some courses, upon completion, offer a certificate. The Community Services Department is not supported by tax dollars in any way and is totally self-supporting. For more information on upcoming classes, please call (818) 947-2577, Extension 4172, or visit us online at lavalley.augusoft.net. The Community Services office is located at the Community Services Center on Ethel Avenue. Office hours are Monday – Friday from 8:00 a.m.-4:30 p.m.

CONTINUING EDUCATION

The Los Angeles Valley College Continuing Education Department offers free, noncredit classes in English as a Second Language, Civics, and Vocational Education. When you visit our office, you will be provided with a schedule of Continuing Education classes. In addition, we can help you with academic, vocational, and personal counseling resources and referrals for financial assistance with books, supplies, and transportation. We look forward to assisting you. Continuing Education is located in the Administration & Career Advancement Building, Room 1401. Continuing Education is open Monday through Friday 8 a.m. to 3:00 p.m. Please call (818) 778-5594 for further information. All classes and services are currently offered online. Please see our webpage for more information. https://www.lavc.edu/continuinged/index.aspx

COOPERATIVE AGENCIES RESOURCES FOR EDUCATION (CARE)

The mission of CARE (Cooperative Agencies Resources for Education) is to support the unique needs of EOPS students who are single parents by promoting self-sufficiency and academic success through tailored workshops, additional counseling, educational materials and financial assistance for child-care related expenses. To be eligible for CARE a student must be (1) eligible for EOPS, (2) 18 years of age or older, (3) receiving cash aid (TANF, CalWORKS/GAIN) for his/herself and/or for a dependent child living in the household, and (4) a single head of household. For more information visit the EOPS/CARE website at www.lavc.edu/eops; the EOPS/CARE office located in the Student Services Building, 2nd floor; or call (818) 947-2432.

DREAM RESOURCE CENTER

The Dream Resource Center (DRC) is here to support undocumented students throughout their educational journey. We are proud to support undocumented students in their access to, and experience in higher education. We offer a variety of services and resources to promote the success of our students. Undocumented students receive free counseling, on-site tutoring, cultural activities and events to promote cultural enrichment, campus and community referrals to existing resources, and University tours to increase transfer. We welcome you to visit our office, located in the Mosaic Center on 2nd Floor of the Student Services Center building.

For more information, please visit: lavc.edu/drc

EXTENDED OPPORTUNITY PROGRAMS AND SERVICES (EOPS)

The mission of EOPS (Extended Opportunity Programs and Services) at Los Angeles Valley College is to assist eligible students who have historically experienced economic and educational challenges. The program provides over and above service through counseling, tutoring, financial assistance, workshops and other services in order to increase access, retention and goal completion. To be eligible for EOPS a student must (1) qualify for a California College Promise Grant (formerly known as BOG) A, B, or C with $0 estimated family income (EFC) or D "Homeless Youth" as determined by the Financial Aid Office; (2) be a California resident, or meet California Dream Act requirements; (3) enroll in 12 or more units; 4) have fewer than 50 degree applicable units; and (5) demonstrate educational challenges. For more information visit the EOPS/CARE website at www.lavc.edu/eops; the EOPS/CARE Office located in the Student Services Building, 2nd floor or call (818) 947-2432.

EXTENSION PROGRAM

The Extension Program at the college has been offering skill-based professional certificate courses since 1995. These offerings provide real-world practical applications and career training for adults who are beginning or returning to college, for those seeking a career or lifestyle change, for those whose college careers were interrupted by life transitions, and for those who recognize the need for job skill enhancement. All offerings are "not-for-credit" status. We offer easy payment plans for all of our Extension classes.

In the Extension Program, students must successfully complete (C average or higher) the academies to be granted an "Affidavit of Completion".

Extension programs include:

- Professional Paralegal Academy
- Human Resource Assistant Academy
- Legal Document Assistant Academy
- Legal Secretary Academy

For further information on our offerings or if you would like to register ONLINE 24/7, please go to www.legalfieldcareers.com.

We would love to hear from you. Please call us at (818) 997-0967 or email us at jacobssm@lavc.edu. The Extension Program at Los Angeles Valley College is located in the ACA building, Workforce Training.

HIGH SCHOOL DUAL ENROLLMENT PROGRAM

The Dual Enrollment Program at Los Angeles Valley College invites students from a number of local high schools to enroll in college-level courses taught by college faculty. While these courses may be open to the general LAVC student population to a limited degree, dual enrollment courses are taught at local high school campuses—many taking place during the regular school day. If you are a parent or high school student, please talk to your high school college counselor about taking dual enrollment courses.

Dual enrollment has these advantages:

- Free tuition for high school students only
- Convenient locations near LAVC
- College-level coursework to prepare for transfer, an associate degree, or certificate
- Fulfilling both high school and college requirements simultaneously

For more information on our Dual Enrollment Program, please contact Raffi Kahwajian at (818) 947-2961 or kahwajr@lavc.edu.

HiSET/GED®

HIGH SCHOOL EQUIVALENCY TESTING/GENERAL EDUCATION DEVELOPMENT OR GENERAL EDUCATION DIPLOMA

High School Equivalency Testing /General Education Development or General Education Diploma

A high school equivalency credential can help you show your employer you have the college and career readiness skills that allow you to grow on the job, participate in job training, and continue your education. Passing the HiSET exam or GED® is another way test takers can earn their state-issued high school equivalency credential. Official High School Equivalency testing is offered through the LAVC CalWORKs Program. LAVC is certified by the State of California to conduct official HiSET and GED® exams. Testing is offered in paper and computer-based format. Practice tests and preparation workshops are also available. Space is limited and prior registration fee is required. Eligible test-takers must be California residents 18 years old or older with valid government issued identification.

For more information, visit us in ACA 1101.

Telephone: (818) 947-2600 ext. 4042 or (818) 947-2976.
Fax (818) 947-2975.
Email: calworks@lavc.edu
Website: www.lavc.edu/hiset.html

LAVC FAMILY RESOURCE CENTER

If you are a LAVC student and parenting a child in your home, go to www.lavcfamilyresourcecenter.org. The LAVC Family Resource Center provides services to student parents and their children to support academic, career, and family goals. Free services for LAVC student parents include: parenting workshops, tutoring, mentoring, access to a social worker and family therapist. All services have shifted and are available virtually. Contact us so that we can help you keep your family strong while you are a student!

For more information go to www.lavcfamilyresourcecenter.org or leave a message at 818-778-5612.

MOSAIC CENTER

The Mosaic Center opened its doors in 2017 and provides a welcoming space for specially funded support programs including the Dream Resource Center, Veterans Resource Center, Dream Resource Center, and Umoja Black Scholars (Located in CC 102).

We provide a safe environment to program eligible students who have been disproportionately impacted and identified in the college's the Student Equity Plan. Our efforts include targeted campus and community outreach, academic counseling, tutoring, workshops, cultural celebrations, field trips and referrals to other available resources on and off campus.

Please feel free to stop by or schedule an appointment to see a designated counselor or staff member. We look forward to welcome you into our space!
Location: Student Services Center, 2nd Floor
Website: http://lavc.edu/Mosaic-Center/Mosaic-Center.aspx

NEXTUP/GUARDIAN SCHOLARS

(formerly known as CAFYES)
The NextUp/Guardian Scholars Programs provide support for current and former foster youth attending Los Angeles Valley College. The programs join together the efforts of all campus student support services to assist students in reaching their academic goals. For more information visit the EOPS/CARE website at www.lavc.edu/eops; the EOPS/CARE Office located in the Student Services Building, 2nd floor or call (818) 947-2432.

PUENTE

The Puente Program at Los Angeles Valley College is part of a statewide project that helps students to succeed academically, transfer to four-year colleges and universities, and become recognized as leaders and scholars.

All students accepted into the Puente Program will:

- Take two writing classes, English 101 in the Fall and English 103 in the Spring.
- Read, discuss and write about Chicano/Latino culture.
- Take a Counseling 1 class paired with English 101 and Counseling 20 paired with English 103.
- Work closely with the Puente Counselor until graduation and transfer.
- Attend a regional Puente Conference and visit university campuses.
- Work with mentors from the community.

Puente is open to all students willing to participate fully in the entire year-long program. For questions, contact: Holly Batty (battyhk@lavc.edu) or go to https://www.lavc.edu/puente/index.aspx.

SERVICE LEARNING PROGRAM

Become a volunteer in your community and make a difference in the world around you!

Los Angeles Valley College's Service Learning Program links students as volunteers with nonprofit agencies. Through volunteer service, students gain valuable practical experience that can be related to any class.

Many Los Angeles Valley College instructors offer extra credit and incorporate Service Learning into their courses enhancing opportunities for learning, while students gain valuable hands-on work experience with community non-profit agencies. A minimum of 20 hours of volunteer service is required per semester. Students must also maintain a "reflection journal," challenging them to think, write, and talk critically about their experiences.

BENEFITS TO STUDENTS

- Greater understanding of course work. Provides examples of real-life application of classroom knowledge.
- Connection to college is strengthened, increasing the likelihood of remaining in school, earning higher grades, and achieving educational goals.
- Provides opportunities for career exploration and workforce training.
- Opportunity to develop leadership and teamwork skills.
- Fosters cultural awareness and diversity.
- Increases self-esteem and critical thinking skills.
- Volunteer service can be included in college applications and employment resumes.

For more information, please contact the Cooperative Education Office at (818) 947-2334 or coop@lavc.edu.
www.lavc.edu/Servicelearning

SERVICES FOR STUDENTS WITH DISABILITIES (SSD)

The Services for Students with Disabilities Office is designed to promote and provide equal access to educational programs and activities offered by Los Angeles Valley College for students with verified disabilities.

Students may be eligible for one or more services, depending on the specific nature of their disabilities. Accommodations and services are determined by the nature and extent of the disability and the disability-related educational limitations of the student and are provided based on approval from SSD.

Support services for eligible, registered students with verified disability-based needs may include registration assistance, orientation to campus, special counseling, access to instructional materials in alternative formats, special parking privileges, referral for tutoring, test-taking assistance, referral to on-campus and off-campus resources, note-taking assistance, lecture recording approval, assessment for learning disabilities, sign language interpreters, liaison with faculty and campus departments, liaison with the California State Department of Rehabilitation, Adapted Physical Education classes, and access to assistive technology. Students with disabilities who require accommodations for the classroom are strongly urged to contact the SSD Office as soon as possible in the admissions and registration process to receive information about services so that accommodations can be provided in a timely manner. SSD is located in The Student Services Annex. For further information, contact SSD at ssd@lavc.edu, www.lavc.edu/ssd, or (818) 947-2681 or (818) 947-2680 (TTY for the deaf and hard of hearing).

ALTERNATE TEXT FORMATS

Eligible students can request educational materials and other published college materials in alternate text formats from the Services for Students with Disabilities Office. Please call email ssd@lavc.edu or call (818) 947-2681 or TTY (818) 947-2680 to inquire about alternate text format production.

TELETYPE DEVICES FOR THE DEAF (TTY)

TTY's for the deaf and hard of hearing are available on campus at the following locations: Services for Students with Disabilities Office, Student Services Annex Room 175; College Sheriff, M&O Building - West-end (available 24 hours/day). Sorenson Relay Service Videophones are also available for use by the deaf and/or hard of hearing in the Services for Students with Disabilities Office and the Sheriff's Office.

WHEELCHAIR ACCESSIBILITY

All multi-story buildings on campus can be accessed by elevator. All other buildings can be accessed by ramps.

CAMPUS CONSTRUCTION AND ACCESSIBILITY

The college is undergoing a large construction project that will result in new buildings and modernized classrooms. During the construction project students with mobility limitations are urged to be aware that regular paths of travel may be closed and to take extra care in navigating the campus.

Students should be able to access construction safety updates on the college website http://lavc.edu/revitalizingvalley/Construction-Parking-Updates.aspx or from SSD.

STUDY AWAY PROGRAM

The Study Away Program at Los Angeles Valley College is dedicated to furthering the development of national, international and intercultural awareness. You can also visit our website at www.lavc.edu/studyaway.

TRiO/STUDENT SUPPORT SERVICES (SSS)

SSS is a student support services program that is funded by the U.S. Department of Education. The mission of the program is to increase college retention and graduation rates of students eligible for the program as well as increasing the transfer rates for these students from Los Angeles Valley College to 4-year universities. In response to this mission, academic support services will be provided to students who meet the following criteria and are willing to commit themselves to the requirements of LAVC's SSS program.

- Students must be a U.S. citizen or permanent resident and meet one or more of the following federal guidelines:
  - First generation college student – neither parent has a bachelor's degree from a university/college
  - Low income – according to federal guidelines
  - Have a documented disability
- Students must also meet all of the following criteria:
  - Have transfer and graduation as an educational goal
  - Need for academic and personal preparation
- The Student Support Services program will provide eligible students who join the program with the following services:
  - Academic Counseling
  - Tutoring/Mentoring
  - Study Skills Workshops
  - Financial Aid Workshops
  - Career Counseling and Workshops
  - Cultural Activities and Field Trips
  - Transfer Information
  - College/University Visits
  - Computer Lab
  - Bluebooks & Scantrons

- Students must be willing to commit themselves to the following requirements of the Student Support Services program:
  - Students must enroll in at least 9 units fall and spring semesters unless previous approval has been granted.
  - Students must meet with the SSS counselor at least twice each semester
  - Students must maintain at least a 2.0 GPA.
  - Students must attend a minimum of two of the following activities each semester: workshops, tutoring, cultural events or field trips.
- If you would like to be part of this program, contact the TRiO Office at (818) 947-2486 or e-mail at trio@lavc.edu.

UMOJA COMMUNITY/BLACK SCHOLARS

The Los Angeles Valley College (LAVC) Umoja Black Scholars Program is a mentorship-based learning community created to foster greater culturally relevant engagement, sense of belonging, and academic success for LAVC students of color. Given this, our primary focus is to support African American students in **defining their future, motivating them on their path, cultivating their passion**, and **holding them accountable to their dreams**. African American students at LAVC, Umoja Black Scholars and the Black Scholar Network are inclusive to any students interested in cross-cultural engagement centered on the Black experience and perspectives of students navigating America and LAVC. We offer academic counseling, tutoring, university field trips, an annual HBCU field trip, financial assistance, and referrals to on and-off campus supports in order to increase matriculation, persistence and retention for the success of our Umoja Black Scholars.

Location: Campus Center 102
Website: http://lavc.edu/Black-Scholars/
Email: blackscholars@lavc.edu

VETERANS RESOURCE CENTER

The Veterans Resource Center (VRC) at the Los Angeles Valley College offers dedicated staff available to help veterans with individual assistance to initiate their educational benefits. In addition, we offer assistance with admissions and enrolling in classes, academic counseling, referrals to on and off campus resources, tutoring and a designated computer lab.

The academic success of each veteran is our number one priority. In addition to providing services to veterans, we also encourage all military-connected individuals including active-duty service members, spouses, and dependents to utilize our services.

Location: Student Services Center, 2nd Floor
Website: http://lavc.edu/veterans/
Email: veteransinfo@lavc.edu

For Post 9/11 GI Bill® (Ch 33) students and VA Vocational Rehabilitation and Employment (VR&E/Ch 31) students, our tuition policy complies with 38 USC 3679(e) which means Post 9/11 GI Bill and Vocational Rehabilitation and Employment students will not be charged or otherwise penalized due to a delay in VA tuition and fee payments. For eligibility consideration, a Post 9/11 GI Bill student must submit a VA Certificate of Eligibility (COE) and a VR&E student must provide Tungsten authorization from their VA Counselor. All persons seeking enrollment must meet the general admissions policies. Those seeking to use VA Education Benefits must submit all prior transcripts for a transfer evaluation and submit one of the following a 22-1990, 22-1995, 22-5490, or a 22-5495 to the VA. GI Bill is a registered trademark of the U.S. Department of Veterans Affairs (VA). More information about education benefits offered by VA is available at the official U.S. government website at www.benefits.va.gov/gibill

WORKFORCE TRAINING PROGRAM

Los Angeles Valley College Workforce Training Program provides training in a variety of occupational programs and services that prepare individuals for employment in the community.

Entry into our program includes training, materials, parking, counseling, job coaching, job development and placement. All Workforce Training Programs are individually priced. For further information regarding the Workforce Training Program please call us at (818) 947-2941 or visit http://www.lavc.edu/Workforce-Training/Workforce-Training.aspx

CAMPUS SERVICES

ART GALLERY

The Los Angeles Valley College Art Gallery serves as a unique educational resource for students and the greater community of the San Fernando Valley through the exhibition and interpretation of works in all media.

Presenting ambitious visual arts exhibitions, lectures and collaborative partnerships, we provide a dynamic platform for dialogue, inquiry, and discovery. The LAVC Art Gallery seeks to promote knowledge, inspire creative thinking, and deepen an understanding of and appreciation for the visual arts.

The LAVC Art Gallery is located in the Art Building. Hours vary each semester. Please check our website for the most up to date information www.lavc.edu/arts/artgallery.html.

LOS ANGELES VALLEY COLLEGE HISTORICAL MUSEUM

The Los Angeles Valley College Historical Museum contains photographs, artifacts, and documents relating to the history of the San Fernando Valley and Los Angeles Valley College. The Museum is located on the second floor of the Library and Academic Resource Center. Please visit the Museum 24/7 at https://lavc.edu/museum. For more information, contact Xiaoyang Liu Behlendorf, Museum Curator, at behlenxl@lavc.edu, or call (818) 947-2762.

GUIDING YOUR PATH TO SUCCESS CENTER

The LAVC Guiding Your Path to Success Center is located in Room 242 of the Student Services Building. The GPS Center is an integral part of the Student Services Building and has access to 39 computer workstations. The GPS center hosts many different events and workshops throughout the year.

The following seminars and workshops are held in the GPS Center:

- Counseling First Semester Plan Workshops
- Registration Workshops
- Financial Aid Information Sessions
- First Year Experience workshops
- Student Worker Training Series Events

For more information call (818) 947-2587 or please visit www.lavc.edu/assessment for more information.

JOB RESOURCE CENTER

Job and internship opportunities are listed at www.CollegeCentral.com/LAVC. LAVC's Online Job Board is a free online resource for LAVC students, alumni, and community members seeking full and part-time employment or internship openings. Please visit www.CollegeCentral.com/LAVC. This site is managed by the Cooperative Education Office located in the Administration & Career Advancement Building, Room 1201. For more information, please call (818) 947-2334 or email coop@lavc.edu.

LAVC MONARCH STORE (BOOKSTORE)

www.lavcbookstore.com
818-947-2313 Ext 4101

Store Hours of Operation:
Monday - Thursday 7:30 am to 7:00 pm
Friday 7:30 am to 1:00 pm

Special and extended hours are posted outside of the store and on our website during the beginning of each term. Summer and Winter hours may be shortened.

SAVE YOUR CASH REGISTER RECEIPT YOU NEED IT FOR ALL REFUNDS OR EXCHANGES!!

REFUND POLICY

All textbook sales are final after the Friday of the first week of classes. Refunds and/or exchanges will be allowed during the second week of class with a drop or withdrawal slip. All refunds must be accompanied by an original receipt...NO EXCEPTIONS!!

- **New books must be free of all markings - pen, pencil or highlighting - no broken spine and/or creases on spine or pages.**
- **Wrapped books must remain unopened or you will be charged a $5.00 re-wrapping fee.**
- **Special order books are paid in full upon request. No refunds will be given on special order books.**
- **All packaged items such as Course Packs, Textbook Bundles, CD access codes, etc. are unopened in their original packaging.**
- **Defective books must be accompanied by a receipt within a month from the date of purchase for EXCHANGE ONLY.**

Please do not purchase or rent textbooks and or supplies for classes you are not enrolled in. All returns are subject to a 10% restocking fee. **Required School supplies, supplemental books and materials** may be returned for store credit/exchange only within 48 hours of purchase. **Non-required materials**

such as study guides, workbooks, study aids, cliff notes & dictionaries are not returnable. Also, no returns or exchanges on goggles, medical or computer equipment, software, clothing or personal items. There is a **24-hour exchange only** period on incorrect or damaged books or merchandise after the last day to return. **No refund** will be issued.

No refunds on textbooks purchased during **FINALS**.

The Bookstore staff is responsible for making the determination regarding the condition of merchandise to be returned or exchanged.

RENTAL POLICY

Rentals are to be returned to the Bookstore on or before the return due date and must be returned in saleable condition. If rentals are not returned by due date, the credit card provided will be charged for a non-return cost and fee for the book.

***WILL NOT TAKE BACK WATER-DAMAGED BOOKS**

REFUND PAYMENT PROCESSING

Payment By	Refund By	Timeline
Cash	Cash	Immediate
Credit Card	Credit to your Charge Account	Store process at the end of business day; Actual credit to account determined by bank
Voucher	Credit to Voucher Account	Immediate

BOOK BUYBACK

The bookstore will make every effort to purchase books from our students. The Bookstore is not obligated to but provides this as a service to help keep the cost down and offer savings to our students.

CHILD DEVELOPMENT CENTER

The Los Angeles Valley College Child Development Center is a licensed childcare/early childhood education and development facility providing developmentally appropriate programs for preschool and school age children. The Child Development Center operates on the academic calendar of Los Angeles Valley College. For information call (818) 947-2931 or visit our webpage at www.lavc.edu/childdevelopmentcenter/index.aspx.

ENROLLMENT & ELIGIBILITY

There are eligibility lists for all of the Campus Child Development Center programs. The length of the lists varies by program. Student-parents are given priority for enrollment. Please call the front desk at (818) 947-2931 for enrollment questions and information on how to pick up an enrollment packet.

PROGRAMS

The Center operates on the academic calendar of Los Angeles Valley College. Winter and summer intersession is offered if funding is available to operate any or all of these sessions. Program days and hours for summer and winter sessions may be different from those offered for the fall and spring semesters. During the fall and spring semesters, the following programs are available.

PRESCHOOL PROGRAM

Services available for preschool children 2.5 years of age up to 5 years of age. Contact the center for hours of operations.

SCHOOL AGE PROGRAM

Services available for school age children in kindergarten up to sixth grade. Contact the center for hours of operations.

FEES

Fees for all Campus Child Development Center programs are calculated using a sliding scale based on family size and the gross monthly income. Subsidized service is available to eligible families.

CURRICULUM

The Center's faculty prepares daily activities to provide developmentally appropriate programs for preschool and school age children's cognitive, physical, creative and emotional growth.

NUTRITION

Breakfast, lunch, afternoon snack, and dinner are provided for all children enrolled, at no charge.

Student Lab and Employment-Students, particularly Child Development majors, participate in the programs under the direct supervision of a Lead Teacher. Employment opportunities for assistant teachers are available for those who qualify; applications are available in the Child Development Center office.

ADMISSIONS POLICY FOR CHILD DEVELOPMENT CENTER

The Child Development Center affords all persons full and equal access, regardless of their sex, color, age, ethnic group identification, race, national origin, religion, mental or physical disability (including AIDS), creed, ancestry, pregnancy, marital status, medical condition, sexual orientation, or veteran status (Reference: Government Code Section 11135, Education Code Section 200, LACCD Board Rule Chapter XV). The Child Development Center programs refrain from religious instruction or worship.

APPLICATIONS

For applications and information, contact the Child Development Center at (818) 947-2931. Applications must be submitted to the

Child Development Center to be considered for service and/or placement on the eligibility list.

LOCATION

The Center is located in the northeast parking lot near the corner of Ethel Avenue and Oxnard Street. (Parking lot D)

COLLEGE ADVISORY COMMITTEES

One primary mission of Los Angeles Valley College is career education. In fulfilling that mission, the college provides a variety of programs and services which prepare students for employment and career advancement.

The demands of business and industry determine the various career education programs offered by the college. These include a variety of business, public safety, health and allied health, electronics and engineering, computer programming and high technology, telecommunication and media, family and consumer studies, and other related education and training.

Job placement and career progress are measures of successful students and reflect the effectiveness of the education and training provided by career education at Los Angeles Valley College. To ensure the success of our students, career education programs are developed and maintained by the faculty with the advice and assistance of advisory committees. Advisory committee membership consists of career education faculty plus business and industry consultants who are familiar with the practices and job skills needed in today's job market. Further, the Vocational Technical Education Act of 1998 (VTEA), mandates advisory committees for career education programs to establish business and industry partnerships with college faculty and administration.

The advisory committee serves a vital role in keeping career education programs relevant, dynamic, and on the cutting-edge of technology. This can only be achieved with a close working relationship between the college and the business community.

Advisory committees meet at least once each academic year, but may meet as often as necessary. Committee members evaluate career education and training programs, including curriculum, equipment, facilities and staffing plans, provide counsel and advice, review past accomplishments, and forecast trends affecting career education, vocational training, and employment.

Advisory committee members are an important component of the education program of the college. The professionals who serve on advisory committees are nominated because of their leadership in technology, the job market, and the economic development of Los Angeles. Bringing expert advice and sound planning on business, trade, and technical issues, advisory committees ensure course and program content reflect the needs of the rapidly changing job market.

ADVISORY COMMITTEES:

- Administration of Justice
- Broadcasting
- Business Administration
- Child Development
- Cinema
- Commercial Music
- Computer Applications & Office Technologies
- Computer Science
- Electronics
- Engineering
- Fire Technology
- Media Arts
- Nursing
- Photography
- Respiratory Therapy
- Tool & Manufacturing

FINANCIAL AID

WHAT IS FINANCIAL AID?

The purpose of the financial aid program is to provide financial assistance to students who, without such aid, would be unable to attend college. Although it is expected that students and parents will make a maximum effort to meet the cost of education, financial aid is available to fill the gap between family resources and the annual educational expenses. Financial aid is meant to supplement the family's existing income/financial resources and should not be depended upon as the sole means of income to support other non-educational expenses.

Financial aid is available from various sources such as federal, state, institutional, community organizations and individual donors. Financial aid can be awarded in the form of grants, loans, work-study, scholarships, or a combination of these.

WHO IS ELIGIBLE FOR FINANCIAL AID?

To be considered for financial aid, students must meet the following minimum requirements:

- For federal aid eligibility, be a U.S. citizen or an eligible non-citizen. An eligible non-citizen is a U.S. permanent resident who has documentation from the Department of Homeland Security verifying that his/her stay in the U.S. is for other than a temporary purpose.
- For state aid eligibility, be either a 1) U.S. citizen or eligible non-citizen, or 2) be classified as an AB 540 student by your College's Office of Admissions and Records.
- Demonstrate financial need.
- Be making Satisfactory Academic Progress in a course of study leading to a Certificate, AA or AS Degree, or Transfer to a Baccalaureate Degree Program.
- Not be in default on any student loan such as Federal Perkins Loans, Federal Stafford Loans (subsidized and unsubsidized), Federal Direct Loans (subsidized or unsubsidized), Supplemental Loans to Assist Students (SLS), or FPLUS Loans (Parent Loans for undergraduate students) at any college attended.
- Not owe a refund on a Federal Pell Grant, Federal Supplemental Educational Opportunity Grant (FSEOG) or

Academic Competitiveness Grant (ACG) or SMART Grant.

- Be registered with Selective Service, if required to do so.
- Be enrolled as a regular student in an eligible program.
- Have a valid Social Security Number (SSN).
- Not be convicted of possessing or selling illegal drugs while enrolled and receiving federal financial aid from any college or university.
- Demonstrate an Ability to Benefit as defined below.

ABILITY TO BENEFIT

Students who meet one of the qualifications listed below have demonstrated the ability to benefit from a college education in accordance with applicable Federal Regulations.

- Received a high school diploma; or
- Passed a high school proficiency examination; or
- Received a Certificate of General Educational Development (GED); or Prior to July 1, 2012

WHEN TO APPLY (TYPICAL DATES – CONTACT FINANCIAL AID OFFICE FOR EXACT DATES)

- **October 1** FAFSA application available on-line at www.fafsa.ed.gov. CA DREAM ACT application available on-line at www.caldreamact.org.
- **March 2** Cal Grant deadline and application priority deadline
- **April 1** Established priority funding deadline for limited funded financial aid programs
- **May 1** Established priority deadline to submit required documents to the Financial Aid Office
- **Sept 2** Extended competitive Cal Grant deadline for community college students

To receive Title IV Financial Aid as noted above, Los Angeles Valley College Financial Aid Office must have on file a valid Institutional Student Information Report (ISIR) by the last day of enrollment for a term/semester or by June 30th, whichever is earlier.

HOW TO APPLY

To apply for federal and state financial aid programs, complete and submit the Free Application for Federal Student Aid (FAFSA) at **studentaid.gov** or at **www.caldreamact.org** (for AB 540 students). The FAFSA is an all-inclusive application form that allows students to apply for all programs.

Note: New to FSA? Create an FSA ID at fsaid.ed.gov. An FSA ID gives you access to Federal Student Aid's online systems and can serve as your legal signature.
Only create an FSA ID using your own personal information and for your own exclusive use. You are not authorized to create an FSA ID on behalf of someone else, including a family member.

You are not allowed to have an employee or agent of a commercial entity, or other third party, create an FSA ID for you for any purposes including but not limited to: payment reductions, debt consolidation or applying for aid. Misrepresentation of your identity to the federal government could result in criminal or civil penalties.

VERIFICATION POLICY

Federal verification requirements apply to the following programs:

- Federal Pell Grant
- Federal Supplemental Educational Opportunity Grant (FSEOG)
- Federal Work-Study Program (FWS)
- Federal Perkins Loan Program
- Federal Direct Loan Program

If your application has been selected for verification by the federal processor, you will be required to provide additional documentation with a specific deadline. Failure to meet this deadline will result in the denial of financial aid. For verification deadline dates and further instructions on how to complete your financial aid file, visit the Financial Aid Office website.

For the Federal Direct Loan Program, verification must be completed 20 working days prior to the last day of enrollment period to allow for loan processing time.

Students whose applications are selected for verification may be paid on any corrected valid SAR/ISIR that is received within 120 days after the student's last day of enrollment.

If an applicant does not complete verification by the established deadline, all federal financial aid is forfeited for the award year. The Financial Aid Office maintains the right to request additional information which may be required to process your application. Those may include but are not limited to:

- Tax Return Transcript, and/or Tax Account Transcript, W-2's, or Non-Filing Statement
- Verification of Untaxed Income
- Verification Worksheet
- Selective Service Certification
- Social Security Verification
- Permanent resident documents, if an eligible non-citizen

ENGLISH AS A SECOND LANGUAGE (ESL)

Students taking only ESL classes must submit both an ESL Certification Form and a Student Educational Plan to the Financial Aid Office within the first semester. Both forms must be signed by an academic counselor. ESL Certification Cards are available in the Financial Aid Office and in the Counseling Center.

AUDITED CLASSES

Students cannot receive financial aid, including the CCPG, for enrollment in audited classes. No exceptions to this policy can be made.

SUMMER FINANCIAL AID

(Special requirements apply - please contact the Financial Aid Office for more information).

ENROLLMENT AT OTHER LACCD COLLEGES

Consortium Agreements are in effect for all colleges within the Los Angeles Community College District. If you are attending more than one college within the District in the same academic period, payment will be based on all units taken. You must maintain at least a one (1) approved unit level of enrollment at the Home/ Primary campus (the college processing your financial aid) for the entire award period. For financial aid programs that are limited in funding, a six (6) approved unit minimum enrollment is required at the Home campus. Please note that if you are in an extension appeal due to Satisfactory Academic Progress, you must be enrolled in approved units, meaning classes listed in your Student Educational Plan (SEP) you submitted with your appeal to the Financial Aid Office. If you are enrolled in classes not listed in your SEP, the units will not be included in the calculation of approved units. An SEP is a plan written between a student and academic counselor. For further information, please contact the Financial Aid Office and/or the Counseling Office.

TAX CREDIT

American Opportunity Credit – Under the American Recovery and Reinvestment Act (ARRA), more parents and students qualify for a tax credit, the American opportunity credit, to pay for college expenses. The full credit is available to individuals whose modified adjusted gross income is $80,000 or less, $160,000 or less for married couples filing a joint return. Those who do not make enough money to have to file a tax return should also consider filing because they can get up to $1,000 back. The new credit also adds required course materials to the list of qualifying expenses and allows the credit to be claimed for four post-secondary education years instead of two. Many of those eligible will qualify for the maximum annual credit of $2,500 per student, which is $500 more than the Hope Credit.

Lifetime Learning Credit – Families may be able to claim up to $2,000 for tuition and required fees each year. The maximum credit is determined on a per-taxpayer (family) basis, regardless of the number of postsecondary students in a family. Students who fees are covered by a fee waiver, scholarship, or grant would not be able to add their costs to their families for tax credit calculation.

You should consult a tax professional for further details or consult the following website:
www.irs.gov/pub/irs-pdf/p970.pdf

Types of Financial Aid Available – Grants, Scholarships & Loans

FEDERAL REFUND REQUIREMENTS

Notice: Students who receive financial aid, and withdraw from ALL classes, may be obligated for repayment on some of the federal funds received prior to withdrawal.

All students receiving federal aid, who withdraw from the institution in the first 60% of the term, are subject to **Return Regulations.** The Financial Aid Office will calculate the amount of federal funds earned by the student up to the point of withdrawal and students will be billed and must repay any federal grant funds received but not earned. **Failure to repay these funds will result in the denial of future federal financial aid at all colleges. Nonpayment of the unearned amount will be reported to the U.S. Department of Education for collection. The college is also required to report grant overpayments to the National Student Loan Data System.**

It is advised that you contact the Financial Aid Office before withdrawing from all of your classes so you understand the results of your actions. For the refund policy on enrollment fees and non-resident tuition, please see the College Schedule of Classes or the College Catalog.

FEDERAL GRANTS

FEDERAL PELL GRANT PROGRAM

The Federal PELL Grant Program is a federally funded program that provides assistance to undergraduate students who have not yet earned a baccalaureate or first professional degree and who demonstrate financial need. Awards are based on the student's Expected Family Contribution (EFC) and enrollment status. The EFC is calculated based on the information such as income and assets on the FAFSA.

FEDERAL SUPPLEMENTAL EDUCATIONAL OPPORTUNITY GRANT (FSEOG)

The FSEOG is a federal grant program designed to supplement other sources of financial aid for students with exceptional need. FSEOG awards are based on financial need and fund availability. There is a six (6) approved unit minimum enrollment requirement with at least one (1) approved unit at the college processing the student's financial aid. Since this is a limited funded program, priority will be awarded to students who apply early and meet the six approved unit requirement. FSEOG awards range upward from $100 to $600 per year, depending on need and packaging policy.

STATE GRANTS

To qualify for any of the state-funded grants, a student must be a California resident and be attending (or planning to attend) an eligible college in California.

CALIFORNIA COLLEGE PROMISE GRANT

(formerly known as the Board of Governors Fee Waiver - BOGFW)

The California College Grant Program (CCPG) is offered by the

California Community Colleges. Applicants do not have to be enrolled in a specific number of units or courses to receive the CCPG. Please note that payment of health fees is no longer part of the fee waiver. All CCPG fee waiver recipients are required to pay the student health fee.

You are eligible to apply for a CCPG if you are:

- a California resident, and
- enrolled in at least one unit, and
- in good academic standing.
- Or Students who meet AB540 requirements. Assembly Bill 540 (AB 540) allows qualified students to be exempt from paying out-of-state tuition at public colleges and universities in California. Contact your Office of Admissions and Records to determine if you qualify under this classification.

You may qualify for a CCPG if any of the following categories applies to you:

A. At the time of enrollment you are a recipient of benefits under the TANF/CalWORKs Program (formerly AFDC), Supplemental Security Income/State Supplementary Program (SSI/SSP), or General Assistance Program (GA). You have certification from the California Department of Veterans Affairs or the National Guard Adjutant that you are eligible for a dependent's fee waiver. Documented proof of benefits is required.

B. You meet income standards.

C. You are a homeless youth under the age of 25.

D. You are eligible if you have Certification from the California Department of Veterans Affairs or the National Guard Adjutant General that you qualify for a Dependent's CCPG.

E. If you are a dependent of deceased law enforcement/fire suppression personnel killed in the line of duty, you must show documentation from the public agency employer of record. The documentation must specify eligibility for the 2021-2022 academic year.

F. If you are a recipient of the Congressional Medal of Honor or a child of a recipient, submit documentation from the Department of Veterans Affairs.

G. If you are a dependent of a victim of the September 11, 2001 terrorist attacks, submit documentation from the California Victim Compensation and Government Claims Board.

If you qualify after you pay your enrollment fees, complete a "Request for Refund" form available in the college Business Office.

CAL GRANTS

Students must meet the following eligibility requirements for the Cal Grant Programs:

- Be a U.S. citizen or permanent resident
- Have a valid Social Security Number (SSN)
- Be a California resident
- Be attending at least half-time at a qualifying California college
- Have financial need at the college of attendance
- Be making satisfactory academic progress as determined by the college
- Have not already earned a bachelor's or professional degree, or the equivalent
- Meet the income and asset ceiling as established by CSAC
- Meet Selective Service requirements.

Deadline date: First deadline is March 2. A second deadline for community college applicants is September 2, but we highly recommend that applicants meet the March 2 deadline when more funding is available.

Students must submit a GPA Verification and FAFSA by the applicable deadlines to the California Student Aid Commission. GPA verification for students enrolled within the Los Angeles Community College District will be electronically sent to the Commission by the deadline date for those who meet specific criteria. Contact your Financial Aid Office to see if you meet the criteria to have your GPA electronically sent and for other possible options.

ENTITLEMENT GRANTS

- Cal Grant A – provides grant funds to help pay for tuition/fees at qualifying institutions offering baccalaureate degree programs. If you receive a Cal Grant A but choose to attend a CA Community College first, your award will be held in reserve for up to three years until you transfer to a four-year college.
- Cal Grant B – provides subsistence payments for new recipients in the amount of $1,672 for a full-time, full year award. Payments are reduced accordingly for three-quarter and half-time enrollment for each payment period. Cal Grant B recipients who transfer to a tuition/fee charging school after completing one or two years at a community college may have their grant increased to include tuition and fees as well as subsistence.
- Cal Grant Transfer Entitlement Award is for eligible CA Community College students who are transferring to a four-year college and are under age 28 as of December 31 of the award year.

COMPETITIVE GRANTS

- Cal Grant A and B awards are used for the same purpose as the A and B entitlement awards, except that they are not guaranteed, and the number of awards is limited.
- Cal Grant C recipients are selected based on financial need and vocational aptitude. Students must be enrolled in a vocational program at a California Community College, independent college, or vocational college, in a course of study lasting from four months to two years. Cal Grant C awards may not be used to pursue a four-year degree program, graduate study, or general education.

CHAFEE GRANT

The California Chafee Grant is a federal grant administered by the California Student Aid Commission and provides assistance to current or former foster youth to use for college courses or vocational school training. Eligible students may receive up to $5,000 per academic year. To learn more about this program and to apply online, go to https://chafee.csac.ca.gov/.

LAW ENFORCEMENT PERSONNEL DEPENDENTS GRANT PROGRAM (LEPD)

This grant program provides need-based educational grants to the dependents and spouses of California peace officers (Highway Patrol, Marshals, Sheriffs, Police Officers), Department of Corrections and California Youth Authority employees, and permanent/full-time firefighters employed by public entities who have been killed in the performance of duty or disabled as a result of an accident or injury caused by external violence or physical force incurred in the performance of duty. Grant awards match the amount of a Cal Grant award and range from $100 to $11,259 for up to four years. For more information and application materials, write directly to: California Student Aid Commission, Specialized Programs, P.O. Box 419029, Rancho Cordova, CA 95741-9029 or call (888) 224-7268 Option #3.

CHILD DEVELOPMENT GRANT PROGRAM

This program is a need-based grant designed to encourage students to enter the field of child care and development in a licensed children's center. Students who plan to enroll at least half-time in coursework leading to a Child Development Permit as a teacher, master teacher, site supervisor, or program director, are eligible to apply through the college they plan to attend. For more information, go to www.csac.ca.gov or call (888) 224-7268 Option #3.

FEDERAL STUDENT LOANS (MONEY YOU HAVE TO PAY BACK)

CAUTION ABOUT STUDENT LOANS. It takes approximately 4-6 weeks for a loan application to be processed, once a student submits all necessary documents and information. Student loan funds are delivered to the student after enrollment and satisfactory academic progress requirements have been verified.

All loans require a minimum of six (6) approved units. Check with the Financial Aid Office or visit the website at www.lavc.edu for deadlines for student loan requests.

FEDERAL DIRECT LOAN PROGRAM

The Federal Direct Loan Program is a loan program made to students who show financial need while attending college at least half-time. For 2021-2022, the interest rate is 4.53% for subsidized. Loans are made by the federal government. "Subsidized" means the government pays the interest while you are in college, in deferment status, or during your grace period. "Unsubsidized" means the government does not pay the interest while you are in college, in deferment status, or during your grace period. In addition to completing a FAFSA, an applicant must submit a separate Loan Request Form and complete a Loan Entrance Counseling to apply for a loan.

PART-TIME EMPLOYMENT

Federal Work-Study (FWS) - The FWS program enables students to earn part of their financial aid award through part-time employment either on or off campus. To be eligible, a student must meet the eligibility requirements for federal financial aid and must maintain a good academic standing while employed under the program. Students must be enrolled in a minimum of six (6) approved units at the home campus to be considered for this program; units from other campuses cannot be combined. Since this is a limited funded program, priority will be awarded to students who are enrolled at least six (6) approved units at Los Angeles Valley College.

SCHOLARSHIPS

Throughout the year, the Financial Aid Office and the Foundation Office at Los Angeles Valley College posts announcements for scholarship opportunities. The criteria for scholarships differ so students should complete applications carefully. Please contact the Financial Aid Office (818-947-2412) and the Foundation Office (818-947-2618) for current scholarship opportunities.

HOW FINANCIAL AID IS "PACKAGED"

Once the student's financial aid eligibility is established, a "package" of aid is provided which may be a combination of grants, work-study, and loan funds. You will receive an email informing you of your award status. You can also visit mycollege.laccd.edu to check your award status.

DISBURSEMENT OF AWARDS

Students who submit their required financial aid documents by the May 1st priority deadline may expect to receive their first financial aid disbursement during the first week of the Fall semester, provided that all established deadlines have been met.

Disbursement dates and deadlines are determined by Federal, State, District and/or institutional regulations and policies. Students who are new to the LACCD will receive information by e-mail regarding the process to select their refund/disbursement preference. Students have two choices: have their refund routed to a currently-open bank account, or open an account through BankMobile Vibe. Students who open a BankMobile Vibe account will receive a myLACCDcard debit card and information on how to activate their card and account.

AB540 students who currently have an open bank account or are eligible to open an account will receive their funds electronically via BankMobile Disbursements. All others will receive their disbursements by paper check.

It is critical that students update their address on file with the Office of Admissions and Records to ensure receipt of their myLACCDcard. If a student has not received their myLACCDcard, he/she should contact their college Business Office.

Disbursements will be adjusted if enrollment is less than full-time. Supplemental disbursements occur throughout the academic year. If your enrollment status has increased and you are due an additional disbursement, it will be deposited to your account. Disbursements will be adjusted if enrollment increases or decreases. Payment of late-starting classes cannot be issued until the class begins. After the second disbursement date of each semester, no further award adjustments can be made based on late enrollment. (Exception: Short-term classes that start after the second disbursement date and winter classes.)*

Students are encouraged to log-on to the Student Information System (SIS) at mycollege.laccd.edu to view their disbursement information. Please note that if you have an approved Extension Petition, you must be enrolled in approved courses from your petition to receive payment.

* Courses taken during the winter session are defined as short-term courses. Students must complete their short-term courses that start after the second disbursement date to be eligible for disbursement.

Any outstanding institutional debt will be deducted from the financial aid disbursement.

Disbursements will be adjusted if enrollment increases or decreases. **Payment for late-starting classes will not be issued until the class begins.** After the second disbursement run date of each semester, no further award adjustments can be made. Full-Time is considered 12 or more units per semester; Three Quarter Time is considered 9-11.5 units per semester; Half-Time is considered 6-8.5 units per semester; Less Than Half-Time is 1-5.5 units per semester.

- Federal PELL Grant is scheduled for payment twice a semester.
- FSEOG and Cal Grants are scheduled once per semester and require an enrollment of six (6) or more approved units.
- Federal-Work Study (FWS) is paid through payroll every two weeks.
- Federal Student Loans are disbursed in two equal payments, once per semester, for students attending two semesters in the academic year. Federal Student Loans require an enrollment of six (6) approved units. For students requesting a loan for one semester only, the loan will be disbursed in two equal payments within the one semester.

DETERMINING FINANCIAL NEED

Most financial aid awards are based on demonstrated financial need which is the difference between the Cost of Attendance (COA) and the Expected Family Contribution (EFC). COA minus EFC = Financial Need.

COST OF ATTENDANCE

In order to treat all students equally, standardized budgets (Cost of Attendance) are established and applied to all applicants. This means all students with similar circumstances will receive the same allowance for tuition and fees, books and supplies, room and board, personal expenses and transportation. Other expenses may include, but are not limited to, child-care expenses, vocational/technical expenses, and handicapped expenses. Exceptions may be made to the budget in the cases where need can be shown and documented. The actual Cost of Attendance will be determined and provided to you in your Award Offer Letter. The Department of Education publishes the yearly Average Cost of Attendance.

EXPECTED FAMILY CONTRIBUTION

Students and/or their parent(s) are expected to contribute something to the cost of higher education. Parental and/or student contribution (EFC) are determined from the information reported on the FAFSA and take into account the resources available such as income, assets, liabilities, size of family, number in college, taxes paid, etc.

CHILD-CARE EXPENSES

This is an adjustment to the Cost of Attendance provided to students with unusual and reasonable expenses for dependent/child-care up to a maximum of $1,000. If you are paying for Child Care expenses during the academic year, you must notify the Financial Aid Office in writing to request for an adjustment to your Cost of Attendance.

TECHNICAL /VOCATIONAL EXPENSES

Institutions may make adjustments for students in trade vocational programs that require supplies and equipment above and beyond the normal budgeted allowance for books and supplies. Some of these programs include: Registered Nursing, Physical Therapy, Animal Health Technology, Auto Mechanics, Photography and others where documentation is submitted to support the additional cost.

HANDICAPPED EXPENSES

As documented and in excess of amounts provided by other agencies.

2021-2022 Average Cost of Attendance

Living At Home

ITEM	9 MONTHS	12 MONTHS
Tuition/Fees	$1,238	$1,854
Books & Supplies	$1,125	$1,688
Room & Board	$9,081	$12,108
Transportation	$999	$1,332
Personal	$3,276	$4,368
Total	**$15,719**	**$21,350**

Note: Non-Resident tuition is added to fees depending on the student's residency code.

2021-2022 Average Cost of Attendance

Living Away From Home

ITEM	9 MONTHS	12 MONTHS
Tuition/Fees	$1,238	$1,854
Books & Supplies	$1,125	$1,688
Room & Board	$17,253	$23,004
Transportation	$918	$1,224
Personal	$3,843	$5,124
Total	**$24,377**	**$32,894**

Note: Non-Resident tuition is added to fees depending on the student's residency code.

STUDENT RIGHTS AND RESPONSIBILITIES

All Los Angeles Community College District students who apply for and receive financial aid have a right to the following:

- Information on all financial assistance available, which includes all federal, state, and institutional financial aid programs.
- Application deadlines for all financial aid programs including deadlines for the submission of requested supporting documentation.
- Specific information regarding enrollment fees, tuition and refunds due from students who withdraw from school prior to the end of the semester.
- An explanation of how financial need is determined. This process includes establishing budgets for the costs of tuition and fees, books and supplies, room and board, transportation, personal and miscellaneous expenses, child-care, etc., plus the student's income and assets, parental contribution, other financial aid (such as scholarships) and so on. Financial need is determined by the Central Processor from the information provided on the FAFSA.
- Knowledge of what resources are considered in the calculation of student need.
- Knowledge of how a financial aid package is determined.
- An explanation of various programs awarded in the student's financial aid package. If a student feels he/she has been treated unfairly, a reconsideration of the award may be requested. An explanation regarding requests for repayment of funds. This situation occurs when students withdraw prior to the end of the semester. Students must receive a clear explanation of the program funds that do not need to be repaid as well as the portion of the grant aid that the student is required to repay. If the student received a loan, the student is informed about what the interest rate is, the total amount to be repaid, when the repayment is to begin, and the conditions of deferment and cancellation during loan counseling sessions.
- Knowledge of how the Los Angeles Community College District determines whether students are making "satisfactory academic progress" and what happens if they are not.
- Knowledge of what facilities are available for handicapped students.

Students must take responsibility for:

- Reviewing and considering all information regarding the Los Angeles Community College District's academic programs prior to enrollment.
- Having a valid Social Security Number (SSN) on file in the Office of Admissions and Records for the purposes of receiving financial aid, reporting a Cal Grant Grade Point Average, loan deferments, etc.
- Enrolling in an eligible program, which is defined as a Certificate, an Associate Degree (AA/AS), or a two-year academic Transfer Program that is acceptable for full credit toward a Baccalaureate Degree. Students must declare an eligible educational goal and major, and update changes with the Admissions and Records Office. Students who do not have a valid educational goal will be notified at the time of review of financial aid application and if students do not provide a valid educational goal with Admissions and Records will not be processed their financial aid.
- Maintaining Satisfactory Academic Progress (SAP) to receive financial aid and meeting with an academic counselor to develop or review an Educational Plan (The SAP Policy is also in the college catalog.)
- Promptly returning all additional documentation, verification, corrections, and/or new information requested by either the Financial Aid Office or the agency or agencies to which an application was submitted.
- Completing all required financial aid forms ACCURATELY AND COMPLETELY. If this is not done, aid could be delayed. Errors must be corrected before any financial aid can be received. Intentional misreporting of information and intentionally committing fraud on application forms for financial aid is a violation of the law and is considered a criminal offense subject to penalties under the U.S. Criminal Code, and the denial of the student's application. Additionally, regulations require that all cases of suspected fraud emanating from misrepresentation, be reported to the Office of Inspector General.
- Reading and understanding all financial aid forms and information. We advise students to retain copies of all documents submitted.
- Choosing a home school to process financial aid. Students MAY NOT receive financial aid from more than one institution at the same time or periods of overlapping terms.
- Notifying the appropriate entity (college, lender, California Student Aid Commission, U.S. Department of Education, etc.) of changes in your name, address, school enrollment status, or transfer to another college.
- **Repaying financial aid funds if it is determined that the student was ineligible to receive funds for any reason (i.e. Return to Title IV, overpayments, over-awards).**
- Performing the work that is agreed upon in accepting a work-study award.
- Knowing and complying with the deadlines for application or reapplication for financial aid.
- Knowing and complying with the Los Angeles Community College District Title IV Refund Policy.

SATISFACTORY ACADEMIC PROGRESS POLICY

GENERAL INFORMATION

In accordance with the Higher Education Act of 1965, as amended, the Los Angeles Community College District (hereinafter referred to as LACCD) established the following Standards of Academic Progress. These standards apply to all students who apply for and receive financial aid from the programs listed below.

- Federal Pell Grant
- Federal Supplemental Educational Opportunity Grant (FSEOG)
- Federal Work-Study (FWS)
- Federal Perkins Loan
- Federal Direct Loan
- Cal Grant B and C
- Child Development Teacher Grant

Professional Judgment may be exercised in applying these standards in accordance with Section 479A of the Higher Education Act of 1965, as amended. Current and previous coursework earned at any college within the LACCD will be reviewed for compliance with the standards put forth in this policy.

CONSORTIUM CLASSES

- All classes throughout the LACCD will be included when reviewing satisfactory academic progress.
- For students aided under a Consortium Agreement with colleges outside the LACCD, consortium classes will be included during satisfactory academic progress review by the home school, which is the college that processes the student's aid. Not all colleges participate in outside consortium agreements.

GENERAL REQUIREMENTS

Students receiving financial aid must be enrolled in an eligible program. An eligible program is defined as:

- a Certificate Program that prepares a student for gainful employment in a recognized occupation,
- an Associate Degree (AA or AS), or,
- a two-year academic Transfer Program that is acceptable for full credit toward a Bachelor's Degree.

To meet satisfactory academic progress standards student must:

- maintain a 2.0 cumulative GPA (Grade Point Average).
- have fewer than ninety (90) attempted units for students who indicated AA/AS Degree or transfer as their educational goal.
    - Basic Skills/Remedial classes are excluded from the ninety (90) unit limit when determining units attempted. Students may receive federal aid for up to 30 units of remedial coursework.
    - Students who have already earned an Associate or higher degree will need to follow the appeal procedure.
    - In Progress (IP) grades count as attempted units in the maximum time frame only. It does not affect cumulative grade point average in the qualitative measure nor is it included as completed units in the quantitative measure.
- Have completion of 67% cumulative units attempted.
    - Entries recorded in the student's academic record as Incomplete (INC), No Credit (NCR), and/or Withdrawal (W) are considered non-grades and must be 33% or less than the cumulative units attempted.

APPLICATION OF STANDARDS

- Satisfactory Academic Progress for financial aid applicants will be determined at the end of each payment period/ semester.
- Students who were initially in good standing but now have a cumulative GPA of less than 2.0 and/or their successful completion rate is less than 67% will receive Warning notifications by email but remain eligible for the following term of enrollment in the LACCD.
- A student who has been disqualified at any college in the LACCD is disqualified at all colleges within the LACCD.
- A change of one (1) educational goal or major course of study will be permitted. Students are eligible to receive financial aid for one educational goal at the institution of attendance.
- **Disqualification**
    - Students will be disqualified if they have one or more of the following academic deficiencies at the end of Fall or Spring semester:
        - Total units attempted (excluding remedial ESL and other remedial classes) are equal to or greater than 150% of the normal length of their academic program.
        - Associate or higher degree has been earned.
        - Cumulative GPA is less than 2.0.
        - Cumulative Non-Grades are more than 33%.
- **Warning Letter**
    - Students will receive a Warning Letter at the end of the Fall semester if they have one or more of the following academic deficiencies:
        - Cumulative GPA is less than 2.0.
        - Cumulative non-grades are greater than 33%.
        - Number of units attempted reaches forty-five (45).

- **Advisory Letter**
  - Students whose number of units attempted reaches forty-five will receive a reminder/advisory letter.

MAXIMUM LENGTH OF TIME TO COMPLETE EDUCATIONAL OBJECTIVES

Students who are attending for the purpose of obtaining an associate degree or completion of requirements for transfer to a four-year college are allowed 90 attempted units in which to complete their objective. Exceptions will be made only when the requirements of a student's objective cause the student to exceed the maximum time limit. Some certificate objectives in the Los Angeles Community Colleges may be completed in less time than that required for the Associate of Arts, Associate of Science and Transfer objectives. The following table shows the normal completion time and maximum time for certificate programs of varying length.

To be eligible for financial aid, a program must be at least six (6) months in length with a minimum of sixteen (16) units. Students enrolled in a certificate program may continue to qualify for financial aid up to ninety (90) attempted units, six (6) full-time semesters, or the equivalent, if they are planning to obtain an A.A. or A.S. Degree, or to Transfer to a four-year school in addition to obtaining the certificate.

Units required for the Certificate Program	Normal Length	Maximum Length
10 to 24	2 semesters	3 semesters
25 to 36	3 semesters	5 semesters
37 to 48	4 semesters	6 semesters

SUMMER AND WINTER FINANCIAL AID

Summer and Winter terms are included in the evaluation of Satisfactory Academic Progress Standards.

APPEAL PROCEDURE FOR REINSTATEMENT OF FINANCIAL AID

Students who have been disqualified from receiving financial aid for unsatisfactory academic progress may appeal for reinstatement by submitting a formal Appeal Request Form to the Financial Aid Office along with any supporting documentation the student wishes to have considered. Students cannot be paid Pell Grant or campus-based financial aid retroactively on appeals that are approved after the payment period ends.

- The formal appeal must be submitted within 30 calendar days from the date of the disqualification letter or before the end of the semester, whichever is earlier.
- The Appeal Request Form should be completed in ink or typed and consist of a written statement. The Extension appeal form can only be submitted online. The appeal must include:
  - Why the student failed to meet the SAP standards, and
  - What has changed that will allow the student to make SAP at the next evaluation period.

Reinstatement may also be granted for reasons listed below:

- The death of a relative of the student;
- An injury or illness of the student; or
- Other special circumstances.

If the appeal for unsatisfactory academic progress is denied or the student fails to submit the appeal within 30 calendar days from the date of the disqualification letter, the student may re-appeal after completing one semester in which all satisfactory academic progress standards have been met.

FRAUD

- A student who attempts to obtain financial aid by fraudulent means will be suspended from financial aid for unsatisfactory conduct.
- The college will report such instances to local law enforcement agencies, to the California Student Aid Commission, to the Federal Government and the Office of Inspector General.
- Restitution of any financial aid received in such manner will be required.

OTHER INFORMATION YOU SHOULD KNOW

CHANGE OF ENROLLMENT/RECALCULATION/OVERPAYMENT

If your enrollment status changes during the semester, please inform the Financial Aid Office. Your financial aid award may be modified to reflect the correct number of units in which you were enrolled at the time of the second disbursement check run. The adjustment of enrollment may cause an overpayment of financial aid funds. Repayment of financial aid funds is necessary if the adjustment of enrollment causes an overpayment. You must resolve your overpayment prior to receiving any additional financial aid. Having an overpayment of federal funds will prevent you from receiving federal financial aid from any institution.

RETURN TO TITLE IV

The student's eligibility for financial aid is based upon enrollment. The Higher Education Amendment of 1998 governs the Return of Title IV funds policy for a student who completely withdraws from a period of enrollment (i.e., semester). These rules assume that a student "earns" aid based on his/her semester enrollment. "Unearned" aid, other than Federal Work-Study, must be earned. Unearned aid is the amount of federal financial aid received that exceeds the amount the student has earned. Unearned aid may be subject to repayment.

During the first 60% of the semester enrollment a student

"earns" aid in direct proportion to the time of his/her enrollment. The percentage of time the student remained enrolled is the percentage of aid for that period which the student earned. A student who remains enrolled beyond the 60% point of the semester earns all his/her aid for the period.

If you owe a repayment, students will be notified in writing by the Financial Aid Office. The student will have 45 calendar days from the date of notification to repay; otherwise, a hold will be placed on the academic and financial aid records which will prevent the student from receiving college services and will jeopardize future financial aid.

STATE TAX OFFSET

Students should be aware that state income tax refunds might be offset by the institution for repayment of financial aid funds if it is determined the students were ineligible to receive funds, have defaulted on a student loan, or owe other debts to the school.

Special Circumstances

In certain cases, a family's financial situation can change because of:

- Death in the family
- Separation or divorce
- Loss of employment
- Loss of non-taxable income or benefits

In such cases, the student should contact the Financial Aid Office.

FINANCIAL AID RELATED WEBSITES

1. FAFSA On the Web
   www.fafsa.ed.gov
2. Sign up for the FSA ID to electronically sign into your FAFSA
   fsaid.ed.gov
3. Information about the Cal Grant Program
   www.calgrants.org
4. California Student Aid Commission
   www.csac.ca.gov
5. Student Loans
   studentloans.gov
6. National Student Loan Database System
   http://nslds.ed.gov/

TELEPHONE NUMBERS

1. Los Angeles Valley College Financial Aid
   (818) 947-2412
2. California Student Aid Commission
   (888) 224-7268
3. Central Loan Administration Unit (Perkins Loan)
   (800) 822-5222
4. Department of Veterans Affairs
   (800) 827-1000
5. Direct Loan Servicing Center
   (800) 848-0979
6. Federal Student Aid Information Center
   (800) 433-3243

ANNUAL CAMPUS SECURITY REPORTS UNDER THE CLERY ACT

Colleges and universities that receive federal funding are required by the Jeanne Clery Act to disclose information about crime occurring on and in the immediate vicinity of campus. LAVC crime stats can be found online at www.lavc.edu/sheriff/Crime-Statistics.aspx. or at https://ope.ed.gov/campussafety/. A copy of the yearly report can be requested from the Los Angeles Valley College Sheriff's Office. http://www.lavc.edu/sheriff/Campus-Safety-and-Clery-Act.aspx

BUS ROUTES

Bus transportation is available to the campus by Metro bus lines and is connected to Metro Rail via the B Line (Red) at the North Hollywood Station by the Metro G Line (Orange), which stops at the Valley College Station. DASH and Commuter Express buses also serve the Van Nuys/Studio City area.

- For schedules of Metro bus lines 164, 167, 656, the G Line (Orange) and the B Line (Red), check the Metro Guide for Los Angeles Valley College webpage or call (323) GO-METRO.
- For schedules for the DASH Van Nuys/Studio City line and Commuter Express 549, check the L.A. Department of Transportation webpage at 1-800-2LA-RIDE.

LOST AND FOUND

Lost and Found is located in the **Campus Sheriff's Office**
5851 Ethel Avenue, Valley Glen, CA 91401 or Lot "D".
Phone Number: (818) 947-2911

STUDENT PARKING

The Campus Sheriff controls all parking lot security and parking citation issuance. At the beginning of each semester, all students are given a grace period (in the student lots only), two weeks for Fall* and Spring, and one week for Summer* and Winter, during which they can register for classes and purchase a parking permit from the Business Office. In the third week of Fall and Spring semester and the second week of summer and winter session, the Campus Sheriff's office will begin writing citations in the student parking lots. Parking violations are strictly enforced. All student parking lots are designated by a letter (A, B, D, E, F & G).

*Summer 2021 & Fall 2021: To assist students with their transition back to on-site learning, free parking will be provided to all students during the Summer 2021 and Fall 2021 semesters.

There is no student parking in the designated Staff Parking Areas at any time.

Your parking permit should be properly displayed, in plain view, either hanging from the rear-view mirror or on the left side of the dashboard. Failure to do so will result in a parking citation.

Motorcycle riders may obtain a parking permit sticker (for the windshield) from the College Sheriff's office in Parking lot D upon showing proof of purchasing a parking permit from the Business Office.

Parking Pay-Stations have been installed in lots A and D for students and visitors to purchase "Daily" permits. The cost of these daily are $2.00 each. The machines only accept cash and exact change is required. These permits are only good for the day it is purchased on and will enable the purchaser to park in any available student parking space on campus.

All vehicles must be driven forward into a clearly designated parking space. Vehicles may not park backward into stalls. (Violation 21113a C.V.C.)

No vehicle may be parked overnight on campus.

VISITOR PARKING

There are Parking Pay-Stations in lot A, B, C, D, E, F, G, and the parking structure for students and visitors to purchase "Daily" permits. The cost of these daily permits is $2.00 each. The machines in lot E and F only accept cash, and exact change is required. A permit is only good for the day it is purchased on and will enable the purchaser to park in any available student parking space on campus.

SPEED LIMIT

The speed limit on all campus roads and parking lots is 8 miles per hour. Violators of any traffic or parking regulations are subject to citations and fines.

ACCESSIBLE PARKING

Disabled Person Parking Placards issued by the Department of Motor Vehicles (DMV) are honored at any passenger vehicle parking space on LAVC property.

Designated accessible spaces are located in all student and staff lots. Students, faculty, and staff with vehicles displaying a valid DMV placard and a valid LAVC parking permit may park in any accessible parking space on campus.

Parking at no charge shall be available to persons with disabilities who are visitors, and to those providing transportation to such persons, in any accessible parking space.

A person shall not use a DMV placard for the purpose of parking unless the person is disabled, or the driver of a vehicle is with a disabled person who is a passenger. Misuse of the placard may result in, but not limited to, the confiscation of the placard, citation, and removal of the vehicle, and/or arrest. Misuse of the placard is defined in section 4461(c) of the California Vehicle Code and is classified as a misdemeanor.

STUDENT HEALTH SERVICES

The Los Angeles Valley College Student Health Center, in partnership with Valley Community Healthcare, has designed student health services to contribute toward the educational aims of the students by promoting their physical and emotional wellbeing. In addition, it will foster responsibility for one's own health by encouraging healthy attitudes and behavior.

Los Angeles Valley College students can access the Student Health Center by presenting a picture ID and a current LAVC registration showing proof that their health fee has been paid. The health fee for fall and spring is $19 per semester, while the fee for summer and winter is $16 per session.

Whether you are not feeling well or you just want a physical exam, we are here for you. Medical assessments and short-term treatments for illness and minor medical problems are some of the services available to you. Consultations and physicals are at no additional cost to you. Services such as lab testing, TB skin testing, and immunizations are also offered.

When you have a personal crisis or need a professional ear, therapists are here to help and to assist you in reaching your full potential. If you are dealing with depression, abuse, stress, anxiety, family conflict or other problems, you may schedule an appointment. Your experience at Student Psychological Services will be private and confidential. No information regarding your counseling will be revealed to anyone without your permission, or as mandated by law.

Please call (818) 763-8836 to make an appointment, and we will try to accommodate you as soon as possible. Walk-ins are welcome only if our patient schedule permits.

We are located in the Student Union Building, 1st floor on the west side.

Our hours of operation are Monday - Thursday from 8:30 am - 5:00 pm. We are closed Friday - Sunday, holidays, and semester breaks.

Also visit our website for further information and valuable health resources: http://www.lavc.edu/studenthealth

The following Student Health Services are available:

- General Medicine Services
- Preventive Health Screening – at no cost
- Lab Testing & Immunizations – at reduced cost
- Student Behavioral Health Services (mental health)
- Individual counseling
- Referrals to community resources
- Stress management

TAX CREDITS

AMERICAN OPPORTUNITY TAX CREDIT

The American Opportunity Tax Credit is a tax credit for qualified education expenses for an eligible student during the tax year. The tax credit is available to individuals whose modified adjusted gross income is $90,000 or less, or $180,000 or less for married couples filing a joint return.

AMERICAN OPPORTUNITY TAX CREDIT

Families may be able to claim up to $2,000 for qualified education expenses. The maximum credit is determined on a per-taxpayer (family) basis, regardless of the number of post-secondary students in the family. Students whose fees are covered by a fee waiver, scholarship, or grant would not be able to include their costs for tax credit calculation. For more information on tax credit programs, you should consult with your tax professional, the Internal Revenue Service (IRS) Publication 970, or the IRS website at www.irs.gov.

OFFICE OF THE OMBUDSPERSON

STUDENT GRIEVANCE PROCEDURES

The purpose of Administrative Regulation E-55 is to provide students a prompt and equitable means for resolving student grievances. The grievance procedure may be initiated by one or more students who reasonably believe he/she/they have been subject to unjust action or denied rights involving their status or privileges as students. It is the responsibility of the student(s) to submit proof of alleged unfair or improper action. Grievances pertaining to grades are subject to the CA Education Code Section 76224(a). For any matters requiring the attention of the Ombudsperson, and for additional information or resources, please contact Florentino Manzano at (818) 947-2691 or email him at manzanf@lavc.edu for a confidential communication.

STUDENT GRADE GRIEVANCES, COMPLAINTS AND CONCERNS

For complaints surrounding actions dealing with alleged discrimination on the basis of ethnic group identification, religion, age, sex, color, sexual orientation, physical or mental disability, students are directed to contact the Regional Equity & Title IX Officer and Dean Angelica Toledo at toleadoa@elac.edu.

http://www.lavc.edu/studentservices/office-of-ombudsperson.aspx

For issues of alleged sexual misconduct under Title IX, please contact the **Title IX Coordinator**, Angelica Toledo at (213) 891-2315 or toledoa@elac.edu. For additional information and resources, go to http://www.lavc.edu/titleix.aspx.



STUDENT ACTIVITIES

COLLEGE COLORS AND SYMBOL

The College colors are green and gold. The college symbol is the Monarch Lion.

SCHOLASTIC HONOR SOCIETIES

Tau Alpha Epsilon (TAE) is a scholastic honor society.

To be eligible a student must have attained a 3.3 GPA in 12 units or more the previous semester.

TAE is both a service-oriented and social organization, which provide support for such activities as the Dean's Reception and tutoring.

Phi Theta Kappa (PTK) is an international honor society for the two-year college. Founded in 1918, PTK recognizes and encourages scholarship, development of leadership and service, fellowship, and the pursuit of academic excellence. Eligibility in Los Angeles Valley College's chapter, Beta Delta Sigma, requires maintaining an over-all GPA of 3.5 or higher and completion of 30 or more semester units of accredited college courses while enrolled at LAVC.

ASSOCIATED STUDENT UNION (ASU)

The Associated Student Union is the core of the student government and activities program at Los Angeles Valley College. In existence since 1949, the Associated Student Union (ASU) is based on a concept of student participation in shared governance and campus activities.

The Associated Student Union at Los Angeles Valley College consists of two (2) branches: Executive Council and Inter-Club Council (campus clubs).

EXECUTIVE COUNCIL

The responsibility of the Executive Council is to represent the student voice in the campus shared governance structure and sponsor events that promote cultural awareness, leadership development, academic improvement, student well-being and positive community relations. The Executive Council meets weekly throughout the fall and spring semesters. Each spring, elections are held for the following positions:

- President
- Vice President
- Treasurer
- ICC Rep
- Parliamentarian
- Commissioner of Campus Environment Affairs
- Commissioner of Ethnic & Cultural Affairs
- Commissioner of Fine Arts
- Commissioner of Health & Wellness
- Commissioner of Political Affairs
- Commissioner of Publicity & Social Media
- Commissioner of Student Life

Executive Council officers are responsible for representing the student voice by participating in the college's shared governance structure. Executive Council officers participate in various committees, such as Budget, Institutional Effectiveness, and student success and planning committees.

In addition, the ASU coordinates and/or assists with the following events:

- Armenian Genocide Remembrance
- Black Heritage Celebration
- Club Days
- Fine Arts Festival
- Latino Heritage Celebration
- Campus Cleanups

CAMPUS CLUBS (INTER-CLUB COUNCIL)

The other branch of the Associated Student Union is the Inter-Club Council (ICC). The responsibility of the ICC is to encourage student membership, facilitate efficient coordination, and protect and maintain the integrity of campus clubs. Like the Executive Council, representatives from each of the clubs meet weekly. The Executive Council Vice President chairs the meetings and ICC Representative acts as co-chair. The ICC Representative shall be elected from and by the delegates of the ICC.

Campus clubs provide students with the opportunity to interact with their peers around a common cause or topic. To form a club, students must recruit ten students, draft a club constitution and have a faculty advisor. Some clubs which have been active during the year include the following:

- Black Student Union
- Abilities Club
- Eco Advocates Club
- LGBTQ+ Club
- Psychology Club
- Tau Alpha Epsilon
- Valley Collegiate Players

ASU MEMBERSHIP FEE

Each student is encouraged to become a member of the Associated Student Union by paying their $10.00 membership fee per semester. ASU membership enables students to join clubs, access our computer lab, print for free (up to 30 pages per month), attend conferences, and use the Lion's Den (game room).

A.S.U. MEMBERSHIP FEE REFUND

Students who withdraw from the college early in the semester will, on application to the college Business Office, receive refunds according to the following schedule:

Withdrawal from college during first week of instruction
- Refund 75%

Withdrawal from college during second week of instruction
- Refund 50%

Withdrawal from college during third week of instruction or later
- No Refund

First Week	Second Week
$5.25	**$3.50**

STUDENT REPRESENTATION FEE

The $2 student representation fee provides independent support to student-elected governmental affairs representatives to express the opinions and viewpoints of community college students regarding education and social issues before city, county and district government offices and agencies at the local, state and federal level. This very modest fee helps ensure students have a voice in the government process.

If students wish to opt-out of paying the $2 Student Representation Fee, they can either visit the Business Office at their home college or sign in to the MyCollege.laccd.edu student portal, click on the “Student Account” tile, followed by the “Account Services” drop down menu. Click on “ASO/Rep Fee Opt Out” link and then follow the instructions on the page.

QUALIFICATION FOR ASU OFFICERS

(Administrative Regulation S-9)

1. The following standards governing candidate and officer (as defined by the Associated Student Organization (ASO) constitution and by-laws) eligibility for appointed and elected ASO officers must be met:

   b. The candidate or officer must be a currently paid member of the ASO, at the college where the election is being held and have successfully completed no more than 80 degree-applicable units in the District.

   c. The candidate may seek only one campus office within the District.

   d. The candidate or officer must have and maintain a cumulative and current GPA of at least 2.0 in units completed at all the colleges in the District during the semesters in which the student government office is applied for and held. Current means the most recently completed semester or session. The ASO Constitution may not set a higher GPA requirement.

   e. The candidate or officer must not be on academic or progress probation, as defined by Board Policy 4250.

   f. At the time of election, or appointment, and throughout the term of office, the candidate or officer must be actively enrolled in, and must successfully complete a minimum of five (5) units per semester. The ASO Constitution may not set a higher unit requirement. Units in which a student receives an Incomplete (INC) will not be counted in the determining the number of units completed. Students falling below this requirement will automatically forfeit their office. Students, who forfeit office for failing to meet this unit requirement, will not be reinstated if INC grades are converted to letter grades and units are awarded for those courses. Candidates may be enrolled in more than one college in the District, but the candidate must be currently enrolled in a minimum of five (5) units at the college where the candidate is seeking office. Officers must maintain that enrollment at the college where the office is held.

   g. Exceptions on the maximum unit requirement in Section 1a of this regulation may be made for students enrolled in a college degree, certificate or transfer program where the combination of program requirements and prerequisites may result in the student exceeding the 80 degree-applicable unit limit.

      Exceptions will be decided by the College President based upon recommendations made by the Chief Student Services Officer.

      In order to be considered for an exemption, a student, who exceeds the requisite 80 degree-applicable unit maximum, must satisfy at least one of the following conditions:

1. The requirements of the student's declared associate degree major, certificate and/or transfer objective, as specified in the college catalog, caused the student to enroll in courses that exceeded the 80 degree-applicable unit maximum.

2. Program prerequisites, as specified in the college catalog, caused the student to exceed the 80 degree-applicable unit maximum.

2. A candidate or officer is ineligible for ASO office:

   c. If he/she has served more than four (4) semesters in any one (1) or more student government elected or appointed offices in the District.

   d. If a candidate or officer, who exceeded the unit maximum in Section 1a of this regulation and was granted an exception, fails to be enrolled in courses that are specifically required for his or her declared associate degree, certificate or transfer objective requirements, as specified in the college catalog.

5. An officer may serve a fifth semester if eligible at the time of assuming office with the approval of the college president or designee (e.g., has served three semesters and is a candidate for an office with a one-year term).

6. The Chief Student Services Officer and/or designee will verify a candidate or officer's eligibility. If the student should disagree with the findings of the Chief Student Services Officer and/or designee, he/she can appeal the decision through the student grievance procedures contained in LACCD Administrative Regulation E-55. Officers not adhering to the standards for office will be required to forfeit their positions.

7. Candidates or officers must comply with the minimum standards of the District Code of Conduct. Failure to comply will result in forfeiture of the position if an ASO officer is suspended for more than ten (10) days from one or more classes, activities, services, programs, or specific locations at any college in the Los Angeles Community College District, under LACCD disciplinary provisions (Board Rule, Chapter IX, Article VIII, Sections 9801-9806).

8. Any candidate or officer with a disability may request an accommodation for the requirements of Section 1e:

   a. The approval of the accommodation for candidates with a disability will be made in individual instances on a case-by-case basis by the Chief Student Services Officer in consultation with the college Compliance Officer and/or the Director of Services for Students with Disabilities (SSD) in compliance with Section 504 of the Rehabilitation Act and Title II of the Americans with Disabilities, as appropriate.

   b. Qualification for an accommodation will be based on the impact of the disability on the candidate's/officer's ability to take six units. However, a candidate or officer must be enrolled in a minimum of five units throughout his/her term in accordance with Education Code section 76071.

   c. Procedures for requesting an accommodation under E-22, replaced by S-9:

      1. Candidates/officers must complete a written request form for accommodation available in the college's Student Services Office and return it to the Chief Student Services Officer.

      2. Each candidate or officer must present written documentation verifying the disability. Acceptable documentation includes, but is not limited to, written notice from the college SSD office or a certified or licensed professional, such as a doctor, psychologist, rehabilitation counselor, occupational or physical therapist.

9. Students enrolled in college credit and/or non-credit courses are eligible to vote at the college of attendance. Enrollment in Community Services classes does not meet this requirement.

STUDENT TRUSTEE ELECTION PROCEDURE

The Los Angeles Community College District conducts an election annually whereby each student in the District has an opportunity to be involved in the process of selecting a student representative to the Los Angeles Community College District Board of Trustees.

The process contained in Board Rule 21001 provides for a thorough evaluation of the candidates' qualifications and insures an equal opportunity for any individual from any District college seek the position of student representative to the Los Angeles Community College District Board of Trustees.

In accordance with the existing Board Rule 21001, candidates for Student Trustee must:

1. Be currently enrolled and in good standing (i.e., not on academic or progress probation) at one or more colleges in the District.
2. Be currently enrolled in 5 units.
3. Have completed a minimum of 12 units in the Los Angeles Community College District and a maximum of 80 transferable units of college work within the Los Angeles Community College District. Exceptions on the maximum unit requirement may be considered according to Board Rule 21001.

For more information, contact the Associated Student Union Office in Student Service Center 2nd floor.

INTERCOLLEGIATE ATHLETICS AND ELIGIBILITY

ATHLETIC PROGRAM

Los Angeles Valley College is a member of the Western State Conference (WSC) for men's and women's athletics and the Southern California Football Association (SCFA) for football.

Member colleges include:

- Allen Hancock College
- Antelope Valley College
- Bakersfield College
- Barstow College
- College of the Canyons
- Citrus College
- Cuesta College
- Glendale College
- Los Angeles Mission College
- Los Angeles Pierce College
- Los Angeles Valley College
- Moorpark College
- Oxnard College
- Santa Barbara City College
- Santa Monica City College
- Ventura College
- Victor Valley College
- West Los Angeles College

A full program of intercollegiate athletics is offered, including football, men's and women's basketball, baseball, men's and women's swimming, men's and women's water polo, softball, and women's soccer.

LAVC ATHLETICS

Los Angeles Valley College is proud to offer ten (10) inter-collegiate sports in our Athletic program, educating over 250 student athletes. Athletic team opportunities are Football, Women's Soccer, Men's and Women's Water Polo, Men's and Women's Basketball, Softball, Baseball and Men's and Women's Swimming Athletics resides under the Academic Affairs division. Our athletic activities are administered by the California Community College Athletic Association, (CCCAA), Southern California Football Association, (SCFA) and the Western State Conference. We recognize our student athletes for their achievements, accomplishments and transfer goals.

ATHLETIC ELIGIBILITY

Western State Conference eligibility rules and regulations, through the CCCAA Constitution and Bylaws, provide that to participate in intercollegiate sports during the first semester of competition the student athlete must:

- Be registered, enrolled, and attending class no later than four weeks after the first day of class instruction, in order to represent that California Community College in athletic competition during that season.
- Be enrolled in a minimum of 12 units, (full time) during competition in a sport, and remain full time throughout the season. (CCCAA Constitution, Bylaw 1.3.8)
- Complete CCCAA Form 1.
- Provide district insurance information and be cleared physically to participate in inter-collegiate activity.

Questions regarding eligibility should be directed to the Athletic Director or to the Office of Academic Affairs.

ALUMNI AND FRIENDS ASSOCIATION

VALLEY COLLEGE ALUMNI AND FRIENDS ASSOCIATION

All former Los Angeles Valley College students are eligible and encouraged to become members of the Los Angeles Valley College Alumni and Friends Association. Membership benefits include invitations to alumni events and networking opportunities, continued access to the Valley College Library, and more. For more information, please email foundation@lavc.edu or call (818) 947-2619.

JOURNALISM ALUMNI ASSOCIATION

The Los Angeles Valley College Journalism Alumni Association is open to former journalism students. It was founded in 1956 and has as its aims to foster professional standards and interests among its members. Membership consists of alumni, most of whom are now working journalists or are continuing their education at a university. Group projects include financial aid to deserving students and recognition of outstanding journalistic work done by alumni in the field and by high school students through their publications.

ESTATE PLANS

Please consider the **Los Angeles Valley College Foundation** as a beneficiary in your estate plans. Your planned gift can be made through an insurance policy, a will, or living trust. If you have already included the Foundation in your estate plans, you may be eligible to become a member of the Foundation's Legacy Society. As a member of the Legacy Society, you allow us to recognize your generosity now instead of your executor when you have passed on. For more information about Estate Plans or the Legacy Society, please call the LAVC Foundation at (818) 947-2618.

FULL-TIME FACULTY

The academic ranks indicated in this faculty roster are as of Fall 2021

Albarran-Duarte, Norma 2019
Assistant Professor of Nursing
A.A., Los Angeles Pierce College
B.S., California State University, Fullerton
M.S. California State University, Dominguez Hills

Araujo, Jessica A. 2013
Professor of Counseling
B.A., California State University, Northridge
M.S., University of La Verne

Arrieta, Jose A. 2019
Assistant Professor of Chicano Studies
B.A., California State University, Los Angeles
M.A., California State University, Los Angeles

Arshagouni, Michael H. 2002
Professor of Music
B.A., University of California, Los Angeles
M.F.A., University of California, Los Angeles
Ph.D., University of California, Los Angeles

Arutyunyan, Araksya 2019
Learning Disability Specialist
B.A., California State University, Northridge
M.A., California State University, Northridge
Psy.D., California School of Professional Psychology

Baca, Tracey J. 1999
Professor of Child Development
B.A., University of Tennessee
M.S., University of Tennessee

Baghdaserians, Elmida 2001
Professor of Child Development
B.A., Pacific Oaks College
M.A., Loyola Marymount University
Ed. D., Pepperdine University

Baghumyan, Anzhela 2016
Associate Professor of Mathematics
B.S., Yerevan State University
M.S., California State University, Northridge

Bajwa, Nikita M. 2021
Professor of Psychology
Ph.D., Loma Linda University
M.A., Loma Linda University
B.A., University of California, Riverside

Baldwin, Suzanne L. 2010
Professor of Biology
B.A., California State University, Northridge
M.S., California State University, Northridge

Barakat, Mostapha (Steve) 2010
Professor of Mathematics
M.S., California State University, Los Angeles

Batty, Holly 2016
Associate Professor of English
A.A., Los Angeles Valley College
B.A., University of California, Los Angeles
M.A., California State University, Northridge

Beaton, Jason 2010
Professor of Media Arts/Broadcasting
A.A., Los Angeles Valley College

Behlendorf-Liu, Xiaoyang 2001
Professor of Library Science
B.A., Beijing University
M.A., Beijing University
M.A., Louisiana State University

Berenji, Nikoo 2016
Associate Professor of Business Administration
B.A., University of California, Los Angeles
M.A., New York University
J.D., University of California, Berkeley

Bland, James 2015
Associate Professor of English
B.A., Vassar College
Ph.D., Harvard University

Breckenridge-Jackson, Ian 2019
Assistant Professor of Sociology and Ethnic Studies
B.A., Occidental College
M.A., University of California, Riverside
Ph.D., University of California, Riverside

Briancesco, Kevin R. 2013
Professor of Speech
B.A., San Francisco State University
M.A., Arizona State University

Brockmann, Erika 2012
Professor of Biology
B.S., College of William and Mary
M.S., University of Southern California

Byrd-Williams, Pamela B. 2001
Professor of Biology
B.A., West Georgia College
M.A., Mississippi State University

Caleodis, George P. 2015
Associate Professor of Mathematics
B.S., The Ohio State University
M.S., The Ohio State University

Carbajal-Ramos, Javier 2019
Assistant Professor of Counseling
M.Ed., Point Loma Nazarene University

Carlos, Glenn, M. 2007
Professor of Music
B.M., Wayne State University
M.M., University of Southern California

Carter, Jamison, H. 2010
Professor of Art
B.F.A., University of North Carolina
M.F.A., Cranbrook Academy of Art

Carthew, Bret J. 2001
Professor of Mathematics
B.A., University of California, Santa Cruz
M.A., University of California, Santa Cruz
M.A., California State University, Hayward
M.A., California State University, Hayward

Casebolt, Elizabeth V. 2011
Professor of Dance
B.F.A., New York University
M.F.A., University of California, Riverside

Cason, Meghan 2014
Associate Professor of Library Science
B.A., Arizona State University
M.L.I.S., University of California, Los Angeles

Castillo, Steven J. 2000
Professor of Mathematics
B.A., University of California, Riverside
M.A., University of California, Berkeley
M.A., State University of New York

Cesario, AnneMarie 2016
Associate Professor of Sociology
B.A., DePaul University
M.A., City University of New York, Graduate Center
Certification, Geographic Information Systems, Pennsylvania State University
Ph.D., City University of New York, Graduate Center

Chavez, Mario A. 2015
Associate Professor of Nursing
A.A., Los Angeles Valley College
B.S., Azusa Pacific University
M.S., University of California, Los Angeles

Chappell, Alexandra 2019
Assistant Professor of Library Science
B.A., Pomona College
M.L.I.S., San Jose State University

Christian-Brougham, Ruby R. 2010
Professor of Psychology
B.A., University of Southern California
Ph.D., University of Southern California

Chu, Wilson 2016
Associate Professor of Psychology
B.A., University of Southern California
Ph.D., University of Southern California

Chung, Siu N. 1995
Professor of Business Administration
B.S., California State University, Los Angeles

Clark, Gerald 2015
Associate Professor of Computer Science and Information Systems
B.A., Harvard College
M.B.A., Stanford University

Coddington, Chris R. 2008
Professor of Theater Arts
B.A., Occidental College, Los Angeles
M.A., Occidental College, Los Angeles

Cohen, Cynthia M. 2015
Associate Professor of Library Science
B.S., University of California, Berkeley
M.A., California State University, Northridge
M.L.I.S., San Jose State University

Coney, Elliott 2019
Assistant Professor of Counseling
Coordinator of Umoja Black Scholars
B.S. Hampton University
M.Ed University of Southern California
Ed.D San Diego State University

Cruzalegui, Andres 2015
Associate Professor of Counseling
B.A., California State University, Northridge
M.S., University of La Verne

Daims, Gloria San José 2013
Professor of Child Development
A.A., ANDE Teachers College
B.A., National University
M.S., California State University, Northridge

Dauber, William J. 2001
Professor of Journalism
B.A., University of California, Irvine
M.A., University of California, Berkeley

Davoyan, Lilit 2009
Professor of Continuing Education
B.A., Yerevan State Linguistic University
M.A., California State University, Northridge

Du, Ashley T. 2015
Associate Professor of Counseling
B.A., University of California, San Diego
M.S., California State University, Los Angeles

Faina, Joseph 2016
Associate Professor of Communication Studies
B.A., California State University, Long Beach
M.A., Arizona State University
Ph.D., University of Texas

Falk, David J. 1996
Professor of Astronomy
A.S., Los Angeles Valley College
B.S., California State University, Northridge

Fanelli, Liliana V. 2015
Associate Professor of Counseling
A.A., Los Angeles Valley College
B.A., California State University, Northridge
M.S., National University

Fickel, Theodore E. 1995
Professor of Chemistry
B.A., Rice University
M.A., Princeton University
Ph.D., Princeton University

FitzGerald, Michael 2015
Associate Professor of Library Science
B.A., University of California, San Diego
M.L.I.S., San Jose State University

Fornataro, Gayle L. 1999
Professor of English
B.A., California State University, Long Beach
M.A., Humboldt State University
Ph.D., State University of New York

Frank, Rebecca E. 2010
Professor of Anthropology
B.A., University of California, San Diego
M.A., University of California, Los Angeles
Ph.D., University of California, Los Angeles

Fusilero, Victor M. 2009
Professor of German
B.A., Princeton University
M.A., University of California, Los Angeles
Ph.D., University of California, Los Angeles

Gan, Marichu S. 2015
Associate Professor of Nursing
B.S.N., University of Santo Tomas-Legazpi
M.A.N., Universidad de Santa Isabel
D.N.P., Grand Canyon University

Garcia, Frances R. 2002
Professor of Kinesiology
A.A., Fullerton College
B.A., California State University, Dominguez Hills
M.A., California State University, Dominguez Hills

Getskow, Veronica A. 2015
Associate Professor of Child Development
B.S., Winona State University
M.A., California State University, Northridge
Ph.D., University of California, Los Angeles

Ghassemi, Ali R. 2000
Professor of Psychology
A.A., Los Angeles Valley College
B.A., California State University, Northridge
M.A., California School of Professional Psychology
Psy.D., California School of Professional Psychology

Gika, Edward A. 2019
Assistant Professor of Humanities
B.A., California State University, Northridge
M.A., California State University, Northridge

Gordon, Clive A. 1996
Professor of Counseling
B.A., California State University, San Bernardino
M.S., California State University, Northridge

Gratreaks, Rodney R. 2015
Associate Professor of Developmental Communications
A.A., Los Angeles Valley College
B.A., California State University, Northridge
M.A., California State University, Long Beach
Ph.D., University of California, Los Angeles

Green-Marroquin, Becky L. 1999
Professor of Biology
B.S., M.S., Western Kentucky University
Ph.D., Mississippi State University

Guevara, Jennifer 2019
Assistant Professor of Child Development
B.A., California State University, Northridge
M.A., Brandman University

Hajjawi, Amer 2016
Associate Professor of Chemistry
B.S., Applied Science Private University
M.A., San Diego State University
Ph.D., University of California San Diego

Haley, Estenia 2015
Associate Professor of Biology
B.A., California State University, Northridge
M.S., California State University, Northridge

Haley, Lucas L. 2010
Professor of Physics
B.S., California State University, Northridge
M.S., University of California, Riverside

Hams, Jacquelyn E. 2002
Professor of Earth Science
B.A., California State University, Los Angeles
M.S., California State University, Los Angeles

Hang, Monica 2010
Professor of Kinesiology,
Head Woman's Basketball Coach
B.S., Cumberland College
M.S., California State University, Los Angeles

Harfouche, Youssef 2016
Associate Professor of Biology
B.S., California State Polytechnic University
M.S., California State Polytechnic University

Hasenhuttl, Claudia 2016
Associate Professor of Geography
B.A., California State University, Northridge
M.A., California State University, Northridge

Hendricks, William 2008
Professor of Administration of Justice

Herrington, Shirin 2021
Professor of Computer Science and Infomation Systems
M.A., California State University, Northridge
B.S., Southern Illinois University
A.S., San Antonio College

Hito, Mary 1989
Professor of Mathematics
B.A., Boston University
M.S., University of Southern California

Hollingshead, Kim E. 2004
Professor of Nursing
B.S.N., California State University, Northridge
M.S.N., California State University, Dominguez Hills

Hu, Yih-Mei 2010
Professor of Music
B.A., University of Victoria
M.M., Eastman School of Music
M.A., Eastman School of Music D.M.A., Eastman School of Music

Huang, Songqiao Sara 1996
Professor of Biology
B.S., Capital Normal University
M.S., Appalachian State University

Hubbard, Reginald S. 1996
Professor of English as a Second Language
B.A., Boston University
M.S., University of Southern California
M.S., Kenington University
Ph.D., Budapest University of Technology and Economics

Hunter, Patrick B. 2010
Professor of English
A.A., Los Angeles Valley College
B.A., California State University, Northridge
M.A., California State University, Northridge

Huynh, Phung X. 2009
Professor of Art
B.F.A., Art Center College of Design
M.F.A., New York University

Jeffries, Alison T. 2015
Associate Professor of English
B.A., Occidental College
M.A., University of Southern California
Ph.D., University of Southern California

Kahn, Richard N., 2000
Professor of Music
B.A., Washburn University
M.A., California State University, Los Angeles

Karapetyan, Karapet 2016
Associate Professor of Physics
B.S., Devry University
M.S., California State University, Northridge

Kawai, John K. 2010
Professor of Mathematics
B.S., University of California, Los Angeles
M.S., California State University, Los Angeles
Ph.D., University of Utah

Knorr, Zachary D. 2009
Professor of Philosophy
B.A., Willamette University
M.A., University of Idaho
Ph.D., University of California, Riverside

Leonard, Meredith L. 2005
Professor of Environmental Science
B.A., University of California, Los Angeles
M.A., California State University, Northridge

Levine, Howard J. 2015
Associate Professor of Accounting and Business Administration
B.S., San Diego State University

Littig, Adam H. 2010
Professor of Mathematics
B.S., University of California, Irvine
M.A., University of California, Los Angeles
M.B.A., Santa Clara University

Lopez, Peter J. 1997
Professor of Chicano Studies
B.A., Loyola Marymount University
M.A., California State University, Los Angeles

Lyons, Patrick J. 2016
Associate Professor of Biology
B.S., University of Rhode Island
Ph.D., Stony Brook University

Maceyko, Eric E. 2016
Associate Professor of Reading
A.A., Valencia Community College
B.A., Florida State University
M.A., Ibaraki University
Ph.D., Carnegie Mellon University

Maddren, Chauncey 2015
Associate Professor of Music
A.A., Los Angeles Valley College
B.A., California State University, Northridge
M.A., University of California, Riverside

Mallas, David C. 2008
Professor of Adapted Physical Education
B.A., California State University Chico
M.Ed., Azusa Pacific University

Manoukian, Houri 2016
Associate Professor of Biology
B.S., University of California, Los Angeles
D.C., Cleveland Chiropractic College

Marquez, Carlos R. 2016
Associate Professor of Counseling
A.A., Santa Monica College
B.A., University of California, Irvine
M.S., California State University, Northridge

Martinez, Anita 2002
Professor of Counseling
A.A., Santa Monica College
B.A., California State University, Northridge
M.S., California State University, Northridge

Mathieu, Raymond 2016
Associate Professor of Business Administration
B.S., San Diego State University
M.A., University of Phoenix, Pasadena, CA

McMillan, James M. 2004
Professor of Kinesiology
A.A., Santa Ana Community College
B.A., Pepperdine University
M.A., Azusa Pacific University

Melody, Patty E. 2001
Professor of Physical Education
B.A., California State University, Northridge
M.A., California State University, Northridge

Miller, Joshua E. 2002
Professor of Speech-Forensics
A.A., Los Angeles Valley College
B.A., California State University, Los Angeles
M.A., California State University, Los Angeles

Milligan, John A. 1996
Professor of Chemistry
B.S., University of Illinois
M.S., University of California, Los Angeles
Ph.D., University of California, Los Angeles

Mintz, Jessica L. 2001
Professor of English
B.A., University of California, Los Angeles
M.A., California State University, Northridge

Miyasaki, June 2005
Professor of French
B.A., University of California, Berkeley
M.A., Middlebury College
Ph.D. University of Wisconsin

Mo, Bingli 2019
Assistant Professor of Chemistry
M.Sc., Imperial College of London
Ph.D., Imperial College of London

Morris, Keidra 2009
Professor of African American Studies
B.A., University of California, Los Angeles
M.A., Ph.D., University of California, Los Angeles

Morrison, Gregory S. 2004
Professor of Respiratory Therapy
A.S., Pierce College
B.S., California State University, Northridge

Mossler, Ronald A. 1999
Professor of Psychology
B.A., University of California, Los Angeles
M.A., California State University, Northridge
Ph.D., University of California, Los Angeles

Mossman, Thomas L. 1977
Professor in Art
B.F.A., Kent State University
M.A., California State University, Los Angeles

Murray, Rick F. 2009
Professor of History
A.A., Moorpark College
B.A., University of California, Los Angeles
M.A., California State University, Northridge

Nagy, Jenene 2016
Associate Professor of Art
BFA, University of Arizona
Graduate Certificate, University of Oregon
MFA, University of Oregon

Natian, Albert 1987
Professor of Mathematics
Two B.Ss, M.S., Northern Illinois University
Two M.Ss, University of Southern California
M.S., California State University, Northridge

Nielsen, Chris 2016
Associate Professor of History
B.A., University of California, San Diego
M.A., University of California, Santa Barbara
Ph.D., University of California, Riverside

Nikoghosyan, Verzhine 2019
Assistant Professor of English
M.A., Arizona State University
M.A., Brusov State Linguistic University
Teaching of Writing Graduate Certificate, Minnesota State University
Teaching ESL Certificate, UCLA Extension

Nova, Christian P. 2005
Professor of Music
B.A., Pomona College
M.F.A., University of California, Los Angeles
D.M.A., University of California, Los Angeles

Novick, Ashley 2017
Instructor, Child Development Center
B.A., University of La Verne
M.A., Brandman University

Nuyda, Hermel C. 2011
Professor of Nursing
A.A., Los Angeles Valley College
B.S.N., University of Phoenix
M.S.N.Ed., University of Phoenix

Oliphant, Wesley 2016
Associate Professor of Economics
B.A., University of California, Berkeley
M.S., University of Birmingham
Ph.D., University of California, Irvine

Olivares-Luera, Alma 1997
Professor of Counseling
B.A., University of California, Los Angeles
M.S., California State University, Northridge

O'Regan, Anthony 2000
Professor of Political Science
B.A., University of California, Los Angeles
M.A., University of California, Santa Barbara
Ph.D., University of California, Santa Barbara

Pallotti, Christopher 2010
Professor of Philosophy
B.A. University of Pittsburgh
M.A., California State University, Los Angeles
M.A., Duquesne University

Pearson, Cheryl 2012
Professor of Respiratory Therapy
B.S., Indiana University of Pennsylvania
M.A., University of Redlands

Pellissery, Bilma 2019
Assistant Professor of Nursing
D.N.P., Grand Canyon University
M.S.N., University of Phoenix
M.H.A., University of Phoenix

Perez, Edgar 2017
Associate Professor of English as a Second Language
B.A., California State University, Los Angeles
M.A., University of Southern California

Perry, Sandra 2019
Assistant Professor of Kinesiology
B.S., Notre Dame de Namur University
M.S., Azusa Pacific University

Peter, Christina R. 2015
Associate Professor of Psychology
B.A., San Francisco State University
M.A., San Francisco State University
M. Ed., University of Illinois
Ph.D., University of Illinois

Petrini, Christopher 2018
Associate Professor of Counseling
A.A., Los Angeles Pierce College
B.A., University of California, Los Angeles
M.S., California State University, Los Angeles

Placencia, Nathan 2010
Professor of Philosophy
M.A., Westminister Seminary
M.A., University of California, Riverside
Ph.D., University of California, Riverside

Pogosyan, Andranik 2016
Associate Professor of Mathematics
B.S., Yerevan State University
M.A., University of California, Los Angeles

Prante, Tyler C. 2010
Professor of Economics
B.A., San Diego State University
M.A., University of New Mexico, Albuquerque
Ph.D., University of New Mexico

Puthiakunnel, Preethamol J. 2012
Professor of Nursing
B.Sc. (Hons) Nursing R.A.K. College of Nursing
M.N., R.A.K., College of Nursing

Pyles, Cathy 2004
Professor of Theater
B.F.A., West Virginia University
M.F.A., University of Minnesota

Queen, Kathryn T. 2015
Associate Professor of Art
B.F.A., Kansas City Art Institute
M.F.A., Kansas City Art Institute

Quilici, Amadeo W. 2009
Professor Continuing Education
A.A., Butte Community College
B.A., University of California, Santa Barbara
M.F.A., Mills College
T.E.S.L., California State University, Northridge

Rabani, Ellie 1989
CalWORKS Director
A.S. Los Angeles Valley College
M.S. Counseling, California Lutheran University
M.A. Public Administration, California State University, Northridge

Rahni, Michael 2015
Associate Professor of CAOT
B.S., Tehran University
M.S. West Coast University
M.B.A., West Coast University

Raskoff, Sally A. 2002
Professor of Sociology
B.A. and M.A., California State University, Northridge
Ph.D. and Graduate Certificate in Gender Studies, University of Southern California

Raya Mendoza, Humberto A. 2013
Professor of Mathematics
B.A., California State University, Northridge
B.S., California State University, Northridge
M.S., California State University, Northridge

Read, Jennifer L. 2012
Professor of Theatre Arts
B.A., University of California, Santa Barbara
M.F.A., Florida State University

Reed, Reginald K. 1996
Professor of Counseling
B.A., University of California, Riverside
M.A., Point Loma College

Rizo, Antonia 2021
Professor of Biological Sciences
M.S., California State University Fullerton
B.S., University of California, Riverside

Robeson, Kimberly 2016
Associate Professor of English
B.A., San Diego State University
M.A., San Diego State University

Rodriguez, Arantzanzu 1997
Professor of Cinema Arts
B.A., Universidad Complutense
M.F.A., University of California, Los Angeles

Romero, Joyce I. 2012
Professor of Counseling
B.A., California State University, Northridge
M.S., California State University, Northridge

Ross, Josephine 1995
Professor of Nursing
A.A., El Camino College
B.S.N., California State University, Long Beach
M.N., University of California, Los Angeles

Ruiz, Jessica 2015
Counselor
B.A., California State University Northridge
M.S., California State University, Northridge

Sabol, Caroline 2017
Associate Professor of Mathematics
B.S., California State Polytechnic University, Pomona
M.S., California State Polytechnic University, Pomona

Sanford, Kevin 2015
Associate Professor of Business Administration
A.A., Palomar Community College
B.S., California State University, San Marcos
M.B.A., Sam Houston State University

Sarkissian, Scarlet 2015
Associate Professor of Math
B.S., University of California, Los Angeles
M.S., University of Chicago

Sarkisyan, Margaret 2013
Professor of Counseling
A.A., Los Angeles City College
B.A., California State University, Northridge
M.S., California State University, Northridge

Scott, Eugene S. 2001
Professor of Anthropology
B.A., University of La Verne
M.A., California State University, Fullerton

Scott, Laura 2010
Professor of Sociology
B.A., University of California, Los Angeles
M.A., California State University, Northridge

Sefiani, Sako 1998
Professor in Computer Science Information Technology
B.S., University of Wisconsin
M.S., Azusa Pacific University

Shvetsov, Vitaly 2016
Associate Professor of Mathematics
B.A., University of California, Los Angeles
M.S., California State University, Northridge
M.S., University of the District of Columbia, Washington DC

Sims, James A. 2002
Professor of Physical Education
A.A., American River College
B.A., Azusa Pacific University
M.S., California State University, Dominguez Hills

Sioukas, Anastasios V. 2005
Professor of Business Administration
B.S., Aristotle University of Thessaloniki
M.S., University of California, Berkeley
Ph.D., University of Southern California

Smith, Duane W. 2001
Professor of Communication Studies
A.A., Los Angeles Valley College
B.S., Northern Arizona University
M.A., California State University, Los Angeles

Smith, Shawn 2016
Associate Professor of English as a Second Language
A.A., Moorpark College
B.A., University of California, Los Angeles
M.A., California State University, Northridge

Sokolovskiy, Yuriy 2015
Associate Professor of Mathematics
B.A., University of California, Berkeley
M.S., California State University, Los Angeles

Southgate, Darby 2010
Professor of Sociology
B.A., California State University, Long Beach
M.A., California State University, Dominguez Hills
Ph.D., The Ohio State University

Stein, Rebecca L. 2001
Professor of Anthropology
B.A., University of California, Los Angeles
M.A., University of California, Los Angeles

Sumnik-Levins, Eugenia 1989
Professor of Art
B.A., Oakland University
M.A., University of California, Los Angeles

Sustin, Chad 2016
Associate Professor of Film Studies
B.A., California State University, Northridge
M.F.A., National University

Sutcliffe, Teresa V. 1999
Professor of Mathematics
B.S., M.S., Ph.D., University of the Philippines

Swelstad, Eric J. 2001
Professor of Media Arts
B.A., Ohio State University
M.A., Ohio State University

Tejeda-May, Katherine M. 2002
Professor of Counseling
A.A., Los Angeles Valley College
B.A., Cal State University of Northridge
M.S., Cal State University of Northridge

Thornock, Roana M. 2010
Professor of Communication Studies
B.A., University of Colorado, Boulder
M.A., University of Denver

Thornton, Elizabeth 2019
Assistant Professor of English
B.A., Agnes Scott College
M.A., University of California, San Diego
Ph.D., University of California, Los Angeles

Towns III, Lester 2019
Assistant Professor of Kinesiology
B.A., University of Washington
M.S., Emporia State University

Touloumdjian, Talar J. 2018
Disability Specialist
B.A., California State University, Northridge
M.S., California State University, Northridge

Trombley, Cherine M. 2000
Professor of Psychology
B.A., California State University, Long Beach
Ph.D., California Graduate Institute

Trujillo, Ana 2016
Associate Professor of Mathematics
A.S., East Los Angeles College
B.A., California State University, Los Angeles
M.S., California State University, Long Beach

Uzunyan, Eliza 2008
Professor of SSD
B.S., California State University, Los Angeles
M.S., California State University, Los Angeles

Vasquez, Ruth B. 2018
Associate Professor of Counseling
B.A., California State University, Northridge
M.S., California State University, Northridge

Visco, Michelle V. 2005
Professor of History
A.A., Orange Coast College
B.A., University of California, Los Angeles
M.A., University of California, Riverside

Vo, Susan H. 2009
Professor of Mathematics
B.SC., National University of Singapore
M.SC., California State University, Northridge

Waddell, Joanne S. 1979
Professor of Physical Education
B.A., University of California, Santa Barbara
M.A., California State University, Long Beach

Watson, Virgil E. 2006
Professor of Physical Education
B.A., California State University, Northridge
M.A., Azusa Pacific University

Weber, Geraldine A. 2014
Associate Professor of Nursing Science
B.S.N., Mount Saint Mary's College
M.S.N., Azusa Pacific University

Weigand, Scott M. 2007
Director, Academic Resource Center, Professor of English
B.A., California State University, Northridge
M.A., California State University, Northridge

Yegoryan, Kristina 2016
Associate Professor of English
A.A., Los Angeles Valley College
B.S., California State University, Northridge
M.A., California State University, Northridge

Yermian, Jaklin 2016
Associate Professor of French
A.A., Glendale Community College
B.A., University of California, Los Angeles
M.A., University of California, Los Angeles

Zamudio, Maria 2015
Associate Professor of Spanish
A.A., Shasta College
B.A., University of California, Davis
M.A., University of California, Los Angeles

Zung, Lisa L. 2015
Associate Professor of Biology
B.S., University of California, Los Angeles
M.S., University of California, Northridge

ADMINISTRATORS

Daar, Karen L. 2012
Vice President, Academic Affairs
B.A., California State University, Northridge
M.A., University of New Mexico

diCesare, Deborah 2001
Dean, Academic Affairs
B.B.A., Pace University
M.A., Antioch University
Ed.D., University of La Verne

Fowles, Michelle R. 2008
Dean, Institutional Effectiveness
B.A., Stanford University
M.A., Princeton University

Green, David M. 2008
Associate Dean, Services for Students with Disabilities
B.A., University of California, Los Angeles
M.S. Ed., University of Southern California

Gribbons, Barry 2019
President
A.A., College of the Canyons
B.A., California State University, Northridge
M.S., University of Southern California
Ph.D., University of Southern California

Hernandez, Sorangel P. 2018
Dean, Student Success and Support Services
A.A., East Los Angeles College
B.A., University of California, Irvine
M.A., University of Southern California
Ed.D., University of Southern California

Jordan, Matthew T. 2015
Dean, Academic Affairs
B.A., Yale University
M.F.A., University of California, Los Angeles
Ed.D., University of California, Los Angeles

Manzano, Florentino 1999
Vice President, Student Services
B.A., California State University, Northridge
M.A., California State University, Northridge

Martin, Llanet 2016
Associate Dean, Student Equity
B.A., University of California, Los Angeles
Ed.M., Harvard University
Ph.D., University of California, Los Angeles

Nalepa, Laurie L. 2002
Dean, Academic Affairs
B.A., University of California, Los Angeles
M.B.A., University of Southern California
Ed.D., Nova Southeastern University

Negrete, Elizabeth 2008
Dean, Student Life
Associated Student Union (ASU) Advisor
B.S., University of Southern California
M.P.A., University of Southern California
Ed.D., University of California, Los Angeles

Rodriguez, Sherri 2001
Dean, Special Programs
B.A., California State University, Fullerton
Ed.D., University of California, Los Angeles

Song, Sarah CPA 2015
Vice President, Administrative Services
B.S., California State University, Sacramento

EMERITI

Akers, Kathryn R., 1965-1980
Professor of English

Aksoy, Ercument, 1995-2016
Professor of Economics

Alaniz, Victoria C., 1971-1985
Professor of Office Administration

Allen, Sylvia E. W., 1992-2015
Professor of Business

Ardavany, Juanita, 1976-2011
Professor of Business Administration

Arias, Rafael, 2000-2021
Professor of Spanish

Arnot, Jack, 1988-2006
Professor of History

Attarian, George J., 1980-1999
Professor of Music

Auerbach, Milton, 1975-1985
Professor of Mathematics

Avila, Michael, 2004-2016
Instructor of Technology

Bertholdo, Robert, 1954-1985
Professor of Law

Ballew, Betty A., 1989-2017
Professor of Speech

Biermann, June A., 1949-1981
Professor of Library Science

Birenbaum, Betti H., 1969-1983
Professor of Nursing

Bjornsen, Betty Kay, 1974-2009
Professor of Nursing

Blakeslee, Pat T., 1965-1991
Professor of Psychology

Blyth, Marion D., 1963-1972
Associate Professor of English

Broslawsky, Farrel., 1970-2009
Professor of History

Brossman, Richard S., 2002-2020
Professor of History

Brotherton, Winifred G., 1970-1987
Professor of Nursing

Brower, Lynne, 2001-2016
Professor of Counseling

Brown, Helen L., 1967-1975
Associate Professor of Nursing

Brown, I. Jack, 1950-1995
Professor of Accounting

Brown, Marion C., 1969-1989
Professor of Office Administration

Buchanan, David, 1982-2020
Professor of Physical Education

Calder, Pat P., 1980-2017
Professor of Speech

Campbell, James L., 1955-1995
Professor of Biology

Carleo, A. Susan, 2008-2013
Professor of Family and Consumer Studies

Chookolingo, Evamarie R., 1957-1983
Professor of Chemistry

Ciufo, Leonard A., 1978-2015
Professor of Business

Colichman, Eugene L., 1964-1983
Professor of Chemistry

Cooney, Robert L., 1965-1981
Professor of Geology

Cowen, Alan, 2000-2015
Professor of Fire Technology

Cox, Mary A., 2000-2017
Professor of Nursing

Curtis, Steven J., 1960-1987
Professor of German

Cutler, Sylvia S., 1967-1980
Professor of Nursing

Daccurso, Joseph A., 1978-2012
Professor of Cinema Arts

Davis, Doris M., 1987-1995
Associate Professor of Family and Consumer Studies

Dea, Fay S., 1988-2017
Professor of Counseling

Deutsch, Maurice N., 1955-1984
Associate Professor of Engineering

DeWitt, Eugenia B., 1966-1982
Professor of Biology

Dowlin, John L. Jr., 1965-1987
Professor of Mathematics

Drummond, Rose B., 1991-2017
Professor of History

DuFour, Wendy J. G., 2001-2021
Professor of Nursing

Duncan, Lydia M., 1968-1975
Instructor of Nursing

Dunn, William C., 1965-1978
Professor of Mathematics/Counselor

Economides, Frances C., 1950-1980
Professor of Speech

Edler, William C., 1981-2003
Professor of Speech

Elias, Woodrow, 1992-2016
Associate Professor of Chemistry

Erhardt, Rosanne H., 1969-1989
Professor of Office Administration

Esten, Dora, 1995-2017
Professor of Library Science

Ettinger, Virginia M., 1976-2004
Professor of Respiratory Therapy

Fay, Gordon S., 1952-1977
Associate Professor of Earth Science

Fielding, Robert A., 1995-2013
Instructor of Physics

Fink, Harry A., 1994-2020
Professor of Psychology

Feldman, Beverly N., 1975-1987
Professor of Child Development

Fenwick, Jim C., 2009-2021
Professor of Physical Education

Follosco, Raymond C., 1958-1993
Professor of Physical Education

Fountaine, Helen 1996-2018
Professor of Speech

Foster, Ellis S., 1959-1978
Professor of Engineering

Frances-Benitez, Maria Elena, 1989-2021
Professor of Spanish

Frantz, Joseph C., 1981-2014
Professor of Biology

Fraser, Owen H., 1962-1989
Professor of Mathematics

Freeman, Margaret H., 1989-2002
Professor of English

Friedman, Elizabeth S., 1984-2017
Professor of Chemistry

Fujii, Gertrude S., 1966-1985
Professor of English

Fulkerson, M. Dale, Jr., 1969-2013
Professor of Art

Garber, Zev, 1970-2007
Professor of Jewish Studies

Gardner, Michael A. 1974-2010
Professor of Psychology

Gauthier, Donald J., 2001-2017
Professor of Geography

Gilbert, Samuel D., 1965-1987
Professor of Psychology

Giovinazzo, Nick V., 1962-1985
Professor of Physical Education

Gish Persi, Catherine L., 2008-2017
Instructor, Child Development Center

Glater, Julius, 1954-1991
Professor of Chemistry

Goffredo, Samuel P., 1970-2010
Professor of Art

Gold, Michael C. 1988-2021
Professor of Counseling

Goldberg, Barbara A. 1996-2021
Professor of Counseling

Golz, Gladys, 1954-1970
Associate Professor of Nursing

Gordon, Louis, 1954-1985
Professor of Chemistry

Graham, Roger J., 1968-1993
Professor of Journalism
Professor of Photography

Griner, Verda M., 1959-1989
Professor of Counseling

Hastings, Elizabeth S., 1963-1980
Professor of Nursing

Havenhill, Roy M., 1971-2007
Professor of Biology

Heister, Cynthia, 1991-2017
Professor of Nursing

Hernandez, Librada, 1997-2017
Professor of Spanish

Heyn, Marion G., 1994-2014
Professor of English

Hittleman, Martin L., 1988-2003
Professor of Mathematics

Holdredge, Richard E., 1980-2011
Professor of Instructional Media

Holloway, George L., 1967-1989
Professor of Mathematics

Holton, Judith Ann Gavin, 1978-2003
Professor of Nursing

Holtzman, Natalie F., 1989-1995
Assistant Professor of Journalism

Honjio, Gary, 1976-2013
Professor of Kinesiology

Hoyer, Pavla., 1995-2015
Professor of Biology

Hyek, James L., 1965-1989
Professor of Business Administration

Ingram-Cotton, Brenda, 1996-2010
Professor of CAOT

Irwin, Edward A., 1961-1984
Professor of Journalism

Iyer, Kalavathi K., 1988-2015
Professor of Computer Applications and Office Technology

Jaqua, Ida C., 1963-1984
Professor of Family and Consumer Studies

Johnson, Charles S., 1985-2017
Professor of Mathematics

Johnson, Christopher, 1989-2020
Professor of Physical Education

Johnson, Ernest Y., 1949-1964
Associate Professor of Physical Education

Johnson, Mae M., 1963-1979
Professor of Nursing

Jones, Linda, 1979-2012
Instructor, Child Development Center

Jorgenson, Ethel K., 1966-1982
Professor of Business Administration

Julian, Michael J., 1997-2017
Instructor in Music

Jur, Chester, 1963-1982
Associate Professor of Electronics

Kaspin, Solomon, 1977-1984
Professor of Physics

Kent, Jeffrey, 1999-2016
Professor of Computer Science

King, Ruth L., 1964-1975
Associate Professor of English

Kinstad, Conrad G., 1960-1985
Professor of History

Klein, Henry F., 1979-2008
Professor of Art

Kopoulos, George T., 1970-1991
Professor of Counseling,
Assistant Dean of Administration

Kovnat, Gary D., 2000-2020
Professor of Biology

Kraus, Joseph, 1965-1989
Professor of German

Kuhner, Merle L., 1962-1989
Professor of Anthropology

Kuljian, Martha W., 1973-1985
Professor of Library Science

Kurz, Meredith J., 2001-2017
Professor of English

Labok, Joseph A. Jr., 1959-1989
Professor of Electronics

Lalane, Henry A., 1967-1983
Professor of Journalism

Lane, Fredric V.,1956-1999
Professor of Mathematics

Lash, Dorothy M., 1965-1977
Professor of Art

Levine, Allen M. 1966-2006
Professor of Psychology

Lewis, Ian D., 1996-2014
Professor of Music

Liang, Shui-Tain Chen, 1999-2020
Professor of Mathematics

Lopez, Mary G., 1976-2013
Associate Professor of Child Development

Lubow, Dana N., 1999-2015
Professor of Library Science

Lundgren, Tirzah G., 1958-1978
Professor of Physical Education

Lyons, Roderick J. 2000-2020
Professor of Photography

Maddox, John S., 1965-2008
Professor of History

Maguire, Patrick D., 1965-1984
Professor of Philosophy

Makhluf, Rafiq A., 1986-2014
Instructor of Mathematics

Maltese, Adrianne, 1992-2016
Professor of Nursing

Mann, Charles W., 1950-1982
Professor of Physical Education

Mann, Myron A., 1964-1995
Professor of Physics

Marteney, James I., 1977-2010
Professor of Speech

Martin, Ann D., 1959-1977
Professor of Mathematics

Marzillier, Leon F., 1971-2007
Professor of Mathematics

Masse, Socorro O., 1970-2005
Professor of Nursing

Mauk, E. Peter Jr., 1960-1987
Professor of Theater Arts

May, David., 1976-2011
Professor of Library Science

Mayers, Jackson, 1954-1982
Professor of Sociology

Mayo, Samuel H., 1965-1995
Dean of Student Services,
Professor of History

McCarthy, James E., 1956-1987
Professor of Philosophy

Merrill, Dominique L., 1999-2015
Professor of French

McCurry, Spencer L., 1989-2008
Professor of Business

McGuire, Thomas G., 1954-1981
Professor of English

Merson, Jay R., 1962-1989
Professor of French

Metzger, Dianna P., 1966-1979
Professor of English

Milner, Glenn., 1973-2009
Professor of Economics

Mohan, Richard D., 1956-1982
Professor of Library Science

Moore, Rod, 1988-2016
Associate Professor of English

Munns, Virginia, 1959-1979
Assistant Professor of Business Admin.

Mushegyan, Anaid, 2001-2020
Professor of Counseling

Nakamura, Larry 1996-2016
Professor of Microbiology

Nastasia, Gail M., 1996-2017
Professor of Broadcasting

Neal, Earl B., Jr., 1992-2013
Associate Professor of Business

Nelligan, Don, 1968-1990
Professor of Music

Nelson, William A., 1969-1989
Professor of Speech

Nery, Josefina, 1961-1985
Professor of Nursing

Nordman, Joseph B., 1950-1978
Professor of Chemistry

O'Connell, Marla
Professor of Kinesiology

Ogawa, Ann H., 1988-2017
Professor of Counseling

Okayama, Lauren, 1998-2013
Professor of Child Development

Olson, Velma Jewett, 1949-1961
Counselor

Pablico-Holm, Maria, 1988-2014
Professor of Nursing

Paget, Glen J., 1985-2017
Professor of Mathematics

Parada, Raymond, J. 1982-2005
Professor of Psychology

Polak-Recht, Jeanne, 1975-1998
Professor of Family & Consumer Studies

Polasek, Lynn, 1989-2021
Professor of Microbiology

Pollyea, Sharlene, 1972-1995
Professor of Office Administration

Pope, Irvin A., 1971-1995
Professor of Music

Porges, Irwin, 1961-1973
Associate Professor of English

Potsic, George M., 1973-2008
Professor of Speech

Pottharst, Barbara, Ph.D., 1965-1993
Professor of Psychology

Pritchard, Robert L., 1967-2007
Professor of History

Raskoff, Richard M. 1963-2002
Professor of Geography

Rathbone, Rowena T., 1959-1973
Professor of Psychology

Ravise, Juliette S., 1965-1977
Professor of French

Raxten, Eugene D., 1958-1982
Professor of Psychology

Reed, Dennis J., 1980-2012
Professor of Art

Reis, Ronald A. 2006-2017
Professor of Technology

Rice, Joan K., 1993-2013
Professor of Nursing

Roberts, Neil C., 2002-2017
Professor of Counseling

Rodriquez, Sylvia H., 2001-2017
Professor of Counseling

Rogers, Eileen P., 1965-1984
Associate Professor of Nursing

Rosillo, Ramiro S., 1974-2006
Professor of Counseling

Rosow, La Vergne, D., 1999-2021
Professor of English

Ross, Martin N., 1982-1987
Professor of Electronics

Roy, Karen I., 1977-2011
Professor of Biology

Russell, James A., 1983-2012
Assistant Professor of Developmental Communications

Sachs, Steven M., 1989-2013
Professor of Computer Applications and Office Technology

Salazar, Carmen, 1973-2007
Professor of Spanish

Saltoun, Synthia., 1976-2011
Professor of Counseling

Saltzman, Stephen M., 1993-2004
Professor of Psychology

Saluzzi, Michael, 1974-1995
Professor of Counseling

Sampler, Georgianna, 1985-2013
Professor of Library Science

Saul, Martha S., 1969-1984
Professor of English

Shields, Nancy L., 1960-1975
Assistant Professor of English

Shin, Luziminda V., 1989-2021
Professor of Mathematics

Shipman, Amanda M., 1994-2013
Associate Professor of Child Development

Siever, Norman., 1968-2009
Professor of Mathematics

Sinsheimer, Frank A., 1974-2008
Professor of Health Sciences

Soper, Vera R., 1955-1976
Professor of German

Spingarn, Lawrence P., 1959-1985
Professor of English

Stark, Diedra K., 1975-2012
Professor of Physical Education

Stark, Jacqueline M., 1968-2013
Professor of English

Statham, Stephen H., 1962-1987
Professor of English

Stearns, Jean E. 1989
Professor of English

Stern, Broncha S., 1967-1993
Professor of Family and Consumer Studies

Stoneham, Cheryl A., 2001-2017
Professor of English as a Second Language

Sugarman, Elien M. 1979
Professor of Computer Science

Sullivan, Kathleen., 1985-2011
Professor of Counseling

Tan, Karlyne, 1970-2003
Professor of Physical Education

Thomas, Bruce J,. 1976-2011
Professor of Counseling

Thomas, George L., 1976-1981
Instructor of Administration of Justice

Tinei, Joan B., 1977-1980
Professor of Nursing

Toohey, Barbara M., 1959-1983
Professor of Library Science

Toon, Ernest R., 1955-1983
Professor of Chemistry

Traughber, Lucinda, 2006-2021
Professor of Nursing

Trombetta, Giovanni N., 1989-2017
Professor of Italian

Valdez, Michael, 1969-1985
Professor of English

Villa, Maryamber S., 1966-1989
Professor of History

Vivian, Michael, 1976-2016
Professor of Sociology

Wade, Nicholas M. 1999-2019
Assistant Professor of Administration of Justice

Wallis, William G. 1988-2019
Professor of English

Warren, Lepska M., 1970-1983
Professor of Philosophy

Weinman, Ernest O., 1956-1992
Professor of Chemistry

West, Harrison N., 1959-1987
Professor of English

Weyman, Charles F., 1966-1991
Professor of Political Science

Whitten, Elizabeth B., 1953-1974
Counselor

Wojcik, Gerald F., 1966-1989
Professor of English

Wood, Jan M., 1969-1986
Professor of Physical Education

Wood, Mary T., 1949-1972
Associate Professor of Secretarial Science

Wright, George Anne, 2001-2016
Professor of Dance

Yasuda, Phyllis, J., 2000-2021
Professor of English

Zahler, Adrienne C, 1970-2006
Professor of Speech

Zentz, George H., 1955-1977
Professor of Spanish

Zuckerman, Marvin S., 1975-2002
Dean of Academic Affairs,
Professor of English

IN MEMORIAM

CAROL L. BISHOP
PROFESSOR OF ART
2010-2020

DEPARTMENTAL ORGANIZATION

ACADEMIC RESOURCE CENTER

AREAS:
COMPUTER COMMONS/GENERAL TUTORING/MATH LAB/ WRITING CENTER

DIRECTOR:
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LIBRARY AND ACADEMIC RESOURCE CENTER 229A, EXT 2811

ANTHROPOLOGY

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WORLD LANGUAGES AND CULTURES

SUBJECT FIELDS:
FRENCH, GERMAN, ITALIAN, LINGUISTICS, SPANISH

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GLOSSARY OF TERMS

Academic Probation: After attempting 12 units, a student whose cumulative grade-point-average (beginning Fall 1981) falls below 2.0 is placed on academic probation. A student whose cumulative grade-point average falls below 2.0 for three consecutive semesters is subject to dismissal from the college.

Academic Renewal: Removal from a student's academic record, for the purpose of computing the grade-point average, previously recorded substandard academic performance which is not reflective of the students demonstrated ability.

Add Permit: A card issued by an instructor upon presentation of a valid ID Card (Registration Fee Receipt) which permits the student to add the class if the instructor determines that there is room. Enrollment in the class is official only if the Add Permit is processed by the Office of Admissions and Records before the published deadline.

Admissions and Records: The office and staff that admits a student and certifies his/her legal record of college work and maintains all student records.

Administration: Officials of the college who direct and supervise the activities of the institution.

Advisory: An advisory is a recommendation that a student is advised (but not required) to meet before, or in conjunction with, enrollment in a course.

Application for Admission: A form provided by the college on which the student requests admittance to a specific semester or session. A student may not register and enroll in classes until the application has been accepted.

Articulation Agreement: An established course agreement that enables transfer students from a community college to receive credit for their academic progress at the University of California, the California State University, and private post-secondary colleges/universities.

Assessment: Assessment is the process the college uses to evaluate skills prior to registering, which are used to recommend students to the appropriate class level in English and Math.

A.S.U.: Organization to which all enrolled students are eligible to join called the Associated Student Union.

Associate Degree (A.A. or A.S.): A degree (Associate in Arts or Associate in Science) granted by a community college which recognizes a students satisfactory completion of an organized program of study consisting of a minimum of 60 semester units.

Associate Degree for Transfer (AA-T or AS-T): A degree (Associate in Arts for Transfer or Associate in Science for Transfer) intended for students who plan to complete a Bachelor's degree in a similar major at a California State University and is an organized program of study consisting of 60 semester units.

Audit: A student's attendance in a class with permission of the instructor and payment of a fee. No college credit nor grade is given.

Bachelors Degree (B.A., A.B., B.S.): A degree granted by a four-year college or university which recognizes a students satisfactory completion of an organized program of study consisting of a minimum of 120 to 130 semester units.

Catalog Rights: Catalog rights refer to the right of every continuing student to choose one, and only one, catalog under whose course requirements the student is to be evaluated for the purposes of determining whether the student meets the requirements for LAVC graduation.

The continuing student may select the catalog that was in effect when the student initially enrolled at LAVC, or any catalog in effect thereafter through and including the semester when the student petitions for graduation or transfer certification.

Certificate of Achievement: A certificate granted by a community college which recognizes a student's satisfactory completion of a state-approved organized program of study.

C-ID: State-level course identification numbers that link to campus course numbers indicating approval for the use in the Associate Degrees for Transfer.

Class Section: A group of registered students meeting to study particular courses at a defined time. Each class has a section number listed in the Schedule of Classes before the scheduled time of class meeting.

College Catalog: A comprehensive publication containing general information about the college; procedures for admission and registration; information about student services, academic resources, student activities, and academic policy; descriptions of the different educational programs and courses offered at the college; and a listing of the college faculty and departmental organization.

Community College: A two-year college offering a wide range of programs of study, many determined by local community need.

Concurrent Enrollment: Enrollment in one or more classes by students still in high school.

Continuing Student: A student registering for classes who was active in the college during one of the two immediately preceding regular semesters. For example, a student registering for the fall semester is a continuing student if he or she was active in the college during the previous spring or fall semester.

Corequisite: A requirement that must be satisfied at the same time a particular course is taken.

Counseling: Guidance provided by professional counselors in collegiate, vocational, social, and personal matters.

Course: A particular portion of a subject selected for study. A course is identified by a subject title and course number; for example: Accounting 1.

Course Title: A phrase descriptive of the course content, for example the title of Accounting 1 is Introductory Accounting I.

Credit by Examination: Course or unit credit granted for demonstrated proficiency through testing.

Dismissal: A student on academic or progress probation may be dismissed from the college. Any student who is dismissed may petition for reinstatement, but if denied, the student may not attend any college within the Los Angeles Community College District for a period of one year and must petition for re-admittance at the end of that period of time.

Educational Program: A planned sequence of credit courses leading to a defined educational objective such as a Certificate or Associate Degree.

Electives: Courses which a student may choose without the restriction of a particular major program-curriculum.

Enrollment: That part of the registration process during which students select classes by section number to reserve a seat in a selected class and be placed on the class roster. A student may also enroll in a class by processing an Add Permit obtained from the instructor of the class.

Full-time student: A student may be verified as a full-time student if he/she is enrolled and active in 12 or more units during the fall or spring semester, and 6 units during the summer session.

General Education Requirements: (also called Breadth Requirements). A group of courses selected from several disciplines which are required for graduation.

Grade Points: The numerical value of a college letter grade: A-4, B-3, C-2, D-1, F-0.

Grade-point-average: A measure of academic achievement, and transfer; the GPA is determined by dividing the total grade points earned by the number of attempted units.

Grade Points Earned: Grade points times the number of units for a class.

Incomplete (I): The grading symbol I is recorded on the students permanent record in situations in which the student has not been able to complete a course due to circumstances beyond the students control. The student must complete the course within one year after the end of the semester or the I reverts to a letter grade determined by the instructor. Courses in which the student has received an Incomplete may not be repeated unless the I is removed and has been replaced by a grade of D or F. This does not apply to courses which are repeatable for additional credit.

In Progress (IP): An IP is recorded on the student's permanent record at the end of the first semester of a course which continues over parts or all of two semesters. The grade is recorded at the end of the semester in which the course ends.

Lower-division: Courses at the freshman and sophomore level of college.

Major: A planned series of courses and activities selected by a student for special emphasis which are designed to teach certain skills and knowledge.

Military Withdrawal (MW): This occurs when a student who is a member of an active or reserve United States military service receives orders compelling a withdrawal from courses. Upon verification of such orders, a withdrawal symbol may be assigned at any time after the last day of the fourteenth week of instruction or 75% of the time the class is schedule to meet, whichever is less.

Non-Degree Applicable (NDA): Credit courses that do not apply toward a degree and are not transferable.

Non-penalty Drop Period: The first two weeks of a regular semester during which a student's enrollment in a class is not recorded on the student's permanent record if the student drops by the deadline. This deadline will be different for short-term and summer session courses.

Pass-No Pass: A form of grading whereby a student receives a grade of P or NP instead of an A, B, C, D, or F. P is assigned for class work equivalent to a grade of C or above.

Prerequisite: A requirement that must be satisfied before enrolling in a particular course.

Progress Probation: After enrolling in 12 units, a student whose total units for which a W, NC, or I has been assigned equals 50 percent or more of the units enrolled is placed on progress probation. A student whose cumulative number of units (beginning Fall 1981) for which a W, NC, or I has been assigned equals 50 percent or more for three consecutive semesters is subject to dismissal from the college.

Report Delayed (RD): This temporary administrative symbol is recorded on the students permanent record when a course grade has not been received from the instructor. It is changed to a letter grade when the grade report is received.

Registration: The process whereby a continuing student or a new or reentering student whose application has been accepted formally enters the college for a specific semester and receives an ID card (Registration Fee Receipt). The student may enroll in open classes as part of the registration process.

Returning Student: A student who at one time attended the college and is registering for classes, but was not active in the college during the previous two semesters.

Satisfactory Completion: Completion of a course with a grade of "C" or better.

Schedule of Classes: A document used during registration giving the subject title, course number, course title, units, time, instructor, and location of all classes offered in a semester.

Section Number: A term used interchangeably with Class Section Number; See Class Section, above.

Semester: One-half of the academic year, usually 16 weeks.

Skills Certificate: A certificate granted by a community college which recognizes a student's satisfactory completion of a locally approved organized program of study. Skills Certificates do not appear on a student's transcript.

Student Education Plan (SEP): This is a student's written plan of courses to take in order to meet his or her educational goals.

Subject: A division into which knowledge customarily is assembled for study, such as Art, Mathematics, or Biology.

Subject Deficiency: Lack of credit for a course or courses required for some particular objective, such as graduation or acceptance by another institution.

Substandard Grade: An earned grade of "D" or "F".

Transcript: An official list of all courses taken at a college or university showing the final grade received for each course.

Transfer: Changing from one collegiate institution to another after having met the requirements for admission to the second institution.

Transferable Units: College units earned through satisfactory completion of courses which have been articulated with four-year institutions.

Transfer course: Courses designed to match lower-division courses of a four-year institution and for which credit may be transferred to that institution.

Units: The amount of college credit earned by satisfactory completion of a specific course taken for one semester. Each unit represents one hour per week of lecture or recitation, or a longer time in laboratory or other exercises not requiring outside preparation.

Units Attempted: Total number of units in the courses for which a student received a grade of A, B, C, D, or F.

Units Completed: Total number of units in the courses for which a student earned credit.

Units Enrolled: Total number of units in which the student is enrolled at any point during the semester, determined by the total number of units for all courses appearing on the students transcript.

W: A grading symbol assigned to a students permanent record for all classes which a student has dropped or has been excluded from by the instructor after the end of the non-penalty drop date but before the last day to drop.

Withdrawal: The action a student takes in dropping all classes during any one semester and discontinuing coursework at the college.

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Physics	AS	93
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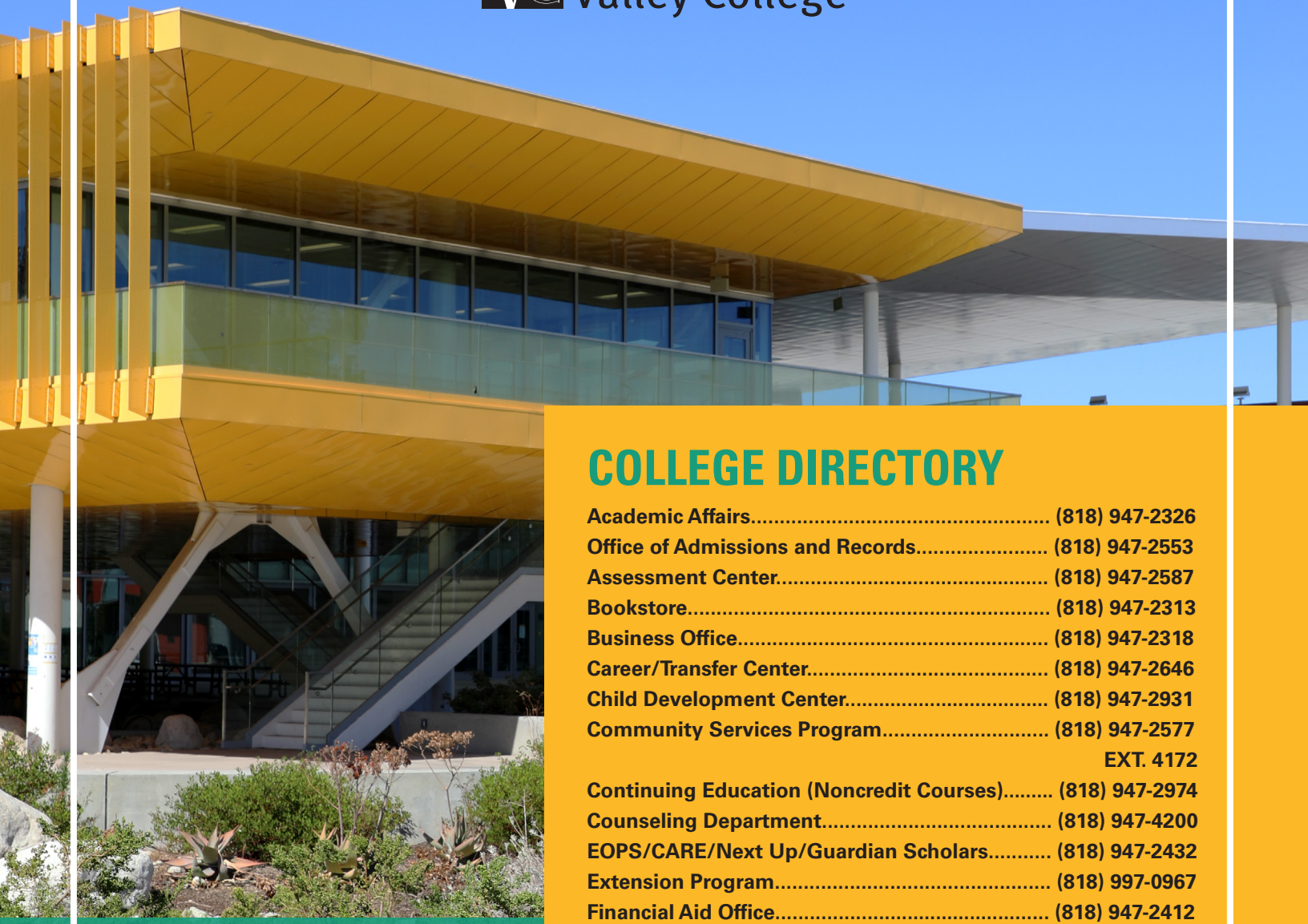
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Los Angeles Valley College



COLLEGE DIRECTORY

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