



LOS ANGELES VALLEY COLLEGE

MANUFACTURING, ELECTRONICS AND CONSTRUCTION (MEC)

NOT FOR STUDENTS PLANNING TO TRANSFER TO A UNIVERSITY

Select courses from each of the following sections:

Section 1 Select one course (3 - 4 units)	- ENGLISH C1000 (formerly English 101) – College Reading and Composition I (3 units) - ESL 110 – College Composition for Non-Native Speakers (4 units)
Section 2 Select one course (3 - 6 units)	- MATH 240 – Trigonometry (3 units) - MATH 259 – Precalculus with Trigonometry (6 units)
Section 3 Select one or two courses related to your major (2 - 7 units)	ELECTRONICS - ELECTRN 002 – Introduction to Administration of Justice (3 units) - ELECTRN 004 – Concepts of Criminal Law (4 units) - ELECTRN 034 – Introduction to Biomedical Electronics (3 units) ENGINEERING TECHNOLOGY: INDUSTRIAL/MANUFACTURING - T & M 027 – Basic Machine Shop Theory and Practice (4 units) - NUM CON 021 – Advanced Manual CNC Lathe Programming & Introduction to CAM (3 units) - CIS 104 – Microcomputer Application Software (3 units) - ENG GEN 101 – Introduction to Science, Engineering and Technology (2 units) ENGINEERING TECHNOLOGY: MECHANICAL ENGINEERING/METAL MACHINING/NUMERICAL CONTROL - EGD TEK 101 – Engineering Graphics (3 units) - T & M 027 – Basic Machine Shop Theory and Practice (4 units) - ENG GEN 101 – Introduction to Science, Engineering and Technology (2 units) - MSCNC 114 – Print Interpretation & Sketching (Blueprint I) (3 units) - NUM CON 022 – Adv Manual CNC Mill & Microcomputer Assisted Programming (3 units) MECHANICAL DRAFTING/DESIGN - MSCNC 114 – Print Interpretation & Sketching (Blueprint I) (3 units) - T & M 027 – Basic Machine Shop Theory and Practice (4 units) SUSTAINABLE CONSTRUCTION MANAGEMENT - ARC 172 – Architectural Drawing I (3 units) - ENG GEN 101 – Introduction to Science, Engineering and Technology (2 units) - EGT 100 – Introduction to Sustainable Construction Management (3 units)
Section 4 Select one or two General Education courses (3 - 6 units)	- AFRO AM 004 or AFRO AM 005 – The African American in the History of the US (3 units) - ART 201 – Drawing I (3 units) - ART 501 – Beginning Two-Dimensional Design (3 units) - CHICANO 008 – The Mexican-American in the History of the United States (3 units) - HEALTH 011 – Principles of Healthful Living (3 units) - KIN 350 – Weight Training (1 unit) - PHILOS 001 – Introduction to Philosophy (3 units) - POLS C1000 (formerly POL SCI 001) – The Government of the United States (3 units) - PHILOS 001 – Introduction to Philosophy (3 units)
Section 5 Select one Student Success course (1 - 3 units)	- COUNSEL 001 – Introduction to College (1 unit) - COUNSEL 004 – Career Planning (1 unit) - COUNSEL 020 – Post-Secondary Education: The Scope of Career Planning (3 units) - COLLEGE 101 – Navigating your Path Through College to Career (1 unit) - LIB SCI 101 – Library Science (1 unit)

If you have any questions, please email your MEC Success Coach at LAVC-STEMCounseling@laccd.edu.