



COMPUTER NETWORK AND SECURITY MANAGEMENT

Associate of Science (AS) Degree
Computer Science & Application Division

The Computer Network and Security Management AS Degree is a 2-year program designed to prepare you for in-demand IT careers, including:

- Network System Administrator
- Network Security Specialist
- Cybersecurity Analyst

Graduates of this program will be able to:

1. Install, configure, and manage industry-standard operating systems with a focus on security.
2. Troubleshoot and maintain industry-leading network systems.
3. Set up and manage routers and switches with internetwork operating systems.
4. Understand a full range of network security concepts and techniques.

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www.wlac.edu/computer-science
Prof. Chiang email: ChiangAS@wlac.edu

COMPUTER NETWORK AND SECURITY MANAGEMENT Required Course: Total 24

Course	Units
CIS 110- Apple Administration	3
CIS 211- Security+ Certification Preparation	3
CIS 213- A+ Certification Preparation Software	3
CIS 214- Introduction to Network +	3
CIS 215- Network Security Fundamentals	3
CIS 227- Server Administration and Network Security	3
CIS 229- Introduction to CISCO Network Fundamentals	3
CIS 230- Intro to Cisco Routers	3

Major elective units (choose two more courses total 6 units)

Total Major Units	30
LACCD GE Plan Units (less double-counted)	24
Additional Degree-applicable Elective Units	6
Total Units	60



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Coursework

Required Courses – Total 24 Units

- CIS 110 — Apple Administration (3 units)
- CIS 211 — Security+ Certification Preparation (3 units)
- CIS 213 — A+ Certification Preparation: Software (3 units)
- CIS 214 — Introduction to Network+ (3 units)
- CIS 215 — Network Security Fundamentals (3 units)
- CIS 227 — Server Administration and Network Security (3 units)
- CIS 229 — Introduction to CISCO Network Fundamentals (3 units)
- CIS 230 — Intro to Cisco Routers (3 units)
- Major Elective Units (choose 2 additional courses, 6 units)

Unit Breakdown

- Total Major Units — 30
- LACCD GE Plan Units (less double-counted) — 24
- Additional Degree-Applicable Elective Units — 6
- Total Units for Degree — 60

More Information

Please email Professor Chiang, Department Chair: ChiangAS@wlaac.edu

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Enroll Now at West LA College!