

COMPUTER INFORMATION SYSTEMS (CIS)

About the program

The Computer Information Systems (CIS) Networking program is a certified Cisco Networking Academy and provides training in local area network (LAN) and wide area network (WAN) installation, and management. Students also learn skills in computer programming, PC maintenance and repair, and network security from CompTIA Security + certified instructors.

Degrees/Certificates within this Program:

- Associate of Science Degree, CIS Networking
- Certificate of Achievement, CIS Networking
- Certificate of Recognition, Network Technician

Similar Degrees/Certificates offered at CR:

- Associate of Science Degree, Computer Office Support Specialist
- Associate of Science Degree, Digital Media
- Certificate of Achievement, Digital Media

Career Opportunities

Employment opportunities in this field include:

- Computer and Network Installers
- Computer Support Specialist
- Technical Support Technicians
- Network Technicians
- Network Systems Analyst
- Information Security Analyst

For more information

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- www.redwoods.edu/cis/
- Career & Technical Division, 707-476-4341
- Counseling & Advising, 707-476-4150

Certificate of Recognition, Cisco Networking and Microsoft Server Administration

Program Requirements	Units
CIS 30 CCNA: Computer Network Fundamentals	4.0
CIS 31 Systems and Network Administration	4.0
CIS 33 CCNA: Scaling and Connecting Networks	4.0
CIS 98 PC Computer Repair and Maintenance	4.0
Total Units	16.0

About this Certificate

This certificate of recognition is targeted at individuals seeking to quickly obtain a fundamental skill-set required to enter the local workforce as an entry-level network technician.

Suggested Program Sequence

Fall Start

Semester 1 (Fall) CIS 30, CIS 31

Semester 2 (Spring) CIS-33

Spring or Fall: CIS-98

Program Learning Outcomes

- Demonstrate professional and effective communication skills.
- Support end user technology needs.
- Configure and troubleshoot TCP/IP networks and verify end-to-end connectivity across local area and wide area networks.
- Apply fundamental security concepts to network communication, infrastructure and operations.