

COMPUTER INFORMATION TECHNOLOGY, SKILLS CERTIFICATE

3rd semester

CSCO 230	Fundamentals of Network Security (Certificate)	4
Semester Total		4
Total Units		12

Cisco Certification: Cisco Certified Network Associate (CCNA) Security Preparation

This certificate prepares students to take the Cisco Certified Network Associate (CCNA) Security certification exams. This certification validates the skills required to develop a security infrastructure, recognize threats and vulnerabilities to networks, and mitigate security threats.

These courses may not transfer to a baccalaureate degree of art or science within the universities in the Nevada System of Higher Education (NSHE).

Outcomes

Students completing the certificate will:

- Perform basic configurations of network devices.
- Configure and troubleshoot routing in a small routed network.
- Identify basic security threats and vulnerabilities for a given network and apply necessary security measures to prevent a possible network compromise.

Skills Certificates provide training for entry level positions or career advancement and are designed to prepare students to take state, national and/or industry-recognized certifications or licensing exams. Skills certificates are awarded upon completion of coursework and marked on a student's transcripts at the end of the semester (Student are unable to declare intent to complete a skills certificate.) Skills Certificates are not eligible for Financial Aid.

To earn a skills certificate, students must:

1. Maintain a minimum cumulative GPA of 2.0
2. Have no financial or library obligation to the college

Code	Title	Units
Certificate Requirement		
CSCO 120	CCNA Internetworking Fundamentals	4
CSCO 121	CCNA Routing and Switching Essentials	4
CSCO 230	Fundamentals of Network Security	4
Total Units		12
1st semester		
CSCO 120	CCNA Internetworking Fundamentals (Certificate)	4
Semester Total		4
2nd semester		
CSCO 121	CCNA Routing and Switching Essentials (Certificate)	4
Semester Total		4