

CISCO CERTIFIED NETWORK ASSOCIATE CERTIFICATE OF CAREER PREPARATION

This certificate is designed to prepare students to take the Cisco Certified Network Associate certification examination. This course of study prepares students for entry level employment in the computer networking field. The certificate is part of the Cisco Networking Academy program and all instruction is provided by Cisco Certified Academy Instructors using Cisco certified curriculum.

Code	Title	Units
Required Courses:		
CIT 091	Introduction to Networks (CCNA - Cisco Networking Academy)	3
CIT 092	Switching, Routing, and Wireless Essentials CCNA (Cisco Networking Academy)	3
CIT 093	Enterprise Networking, Security, and Automation CCNA (Cisco Networking Academy)	3
Total Units		9

Students working for certificates must have a basic knowledge of arithmetic, reading and writing in order to learn and work in the occupations they select.

Program Learning Outcomes

At the completion of this program, students will be able to:

- a. Design a small office/home office (SOHO) network.
- b. Attach networking components to a Local Area Network (LAN) & Wide Area Network (WAN) network using standard cables and connectors.
- c. Construct routers to operate in a SOHO environment including proper password policies and basic security.
- d. Construct SOHO LAN network equipment including support for virtual LANs (VLANs).
- e. Construct SOHO equipment for connection to a WAN.