

Cisco Networking Specialist Certificate

Program Description

The Cisco Networking Specialist certificate is designed for students to install and support medium to large computer networks with an emphasis on configuration of Cisco routers and switches. This program prepares students for the Cisco Certified Network Associate (CCNA) certification exam.

Program Contacts

- Program Director: Greg Tomsho (greg.tomsho@yc.edu), telephone: (928) 776-2104
- Dean: Stacey Hilton (stacey.hilton@yc.edu), telephone: (928) 717-7775
- Instructional Assistant: Jessee Porter (jessee.porter@yc.edu), telephone: (928) 776-2312

Program Outcomes

Upon successful completion of the Cisco Networking Specialist Certificate program, the learner will be able to:

1. Describe and configure the hardware and software used in a medium to large sized computer network. (CNT 100)
2. Discuss the methods and operation of local and wide area networks. (CNT 115)
3. Describe the function of TCP/IP and the OSI model and related devices. (CNT 140)
4. Configure Cisco routing technologies. (CNT 150)
5. Configure Cisco switching and wireless technologies. (CNT 160)
6. Configure and describe wide area network access technologies. (CNT 170)

Program Requirements

A minimum of 20 credit hours is required to complete the Cisco Networking Specialist Certificate.

Course	Course Title	Credit Hours
CNT100	Intro to Computer Networking	3
CNT115	Network+: Networking Tech Cert	4
CNT140	Cisco Networking Fundamentals	4
CNT150	Cisco Network Router Tech	3
CNT160	Cisco LAN Switching & Wireless	3
CNT170	Accessing the WAN	3