

INFORMATION SYSTEMS TECHNOLOGY: NETWORK ENGINEERING (SPECIALIST), C.S.C.

Location(s): AL, AN, MA, NOL, WO

NOVA Code: 221-732-04

Purpose

This program is designed to provide the student with the training necessary to obtain several different CISCO certifications as outlined below. These certifications prepare the student to install and/or configure networks, including wide area networks (WANs) and local area networks (LANs). They prepare students to optimize WANs through internet access solutions that reduce bandwidth and lower WAN costs, and provide remote access by integrating remote dial-up access with remote LAN to LAN access, as well as supporting higher levels of performance required for new applications such as internet commerce and multimedia. This career studies certificate also prepares the student to sit for the CISCO Certified Networking Associate (CCNA) certification exam.

Credit for Prior Learning

Students in this program may be eligible for credit for prior learning. See an academic advisor or counselor for further information.

One Year

Course	Title	Credits
1st Semester		
ITN 154	Introduction to Networks - CISCO	4
ITN 155	Switching, Wireless, And Wireless Essentials - Cisco	4
Credits		8
2nd Semester		
ITN 156	Enterprise Networking, Security, and Automation - Cisco	4
ITN 295 or ITN 157	Topics In: (Cyber Operations and Analysis) or WAN Technologies - CISCO	4
Credits		8
Total Credits		16

Students in Information Technology, Computer Science, or Information Systems Technology programs must have Information Technology (ITD, ITE, ITN, ITP) and or Computer Science (CSC) courses no more than ten years old, as of the first day of the fall semester of the academic year in which they graduate, unless approved by the pathway dean.