

Networking Specialist NS14

Type
Diploma

The Computer Information Systems - Networking Specialist program is a sequence of courses designed to provide students with an understanding of the concepts, principles, and techniques required in computer information processing. Graduates are to be competent in the general areas of humanities or fine arts, social or behavioral sciences, and natural sciences or mathematics, as well as in the technical areas of computer terminology and concepts, program design and development, and computer networking. Program graduates are qualified for employment as networking specialists.

Program Approval

The CIS program is a Certified CISCO Network Academy.
The CIS program is a member of the Microsoft IT Academy.

*Choose either the Microsoft or the Cisco Specialization

Basic Skills Courses

Item #	Title	Credits
ENGL 1010	Fundamentals of English I	3
MATH 1012	Foundations of Mathematics	3
EMPL 1000	Interpersonal Relations & Professional Development	2

Occupational Courses

Item #	Title	Credits
COMP 1000	Introduction to Computer Literacy	3
CIST 1001	Computer Concepts	4
CIST 1122	Hardware Installation & Maintenance	4
CIST 1601	Information Security Fundamentals	3
	CIST Electives (9 credits)	9

Introductory-Level Networking Class

* Choose one of the following

* CIST 2451: Only if not used as a Cisco Specialization course

Item #	Title	Credits
CIST 1401	Computer Networking Fundamentals	4
CIST 2451	Introduction to Networks - CISCO	4

Microsoft Specialization 8M42

Item #	Title	Credits
CIST 2411	Microsoft Client	4
CIST 2412	Microsoft Server Installation & Maintenance	4
CIST 2413	Microsoft Server Networking	4
	CIST 2414 or CIST 2420	4

Cisco Exploration Specialization 8C12

Item #	Title	Credits
CIST 2451	Introduction to Networks - CISCO	4
CIST 2452	CISCO Switching, Routing, & Wiring Essentials	4
CIST 2453	Enterprise Networking, Security, and Automation	4
Guided Elective		4

Operating System Elective

Choose one of the following:

Item #	Title	Credits
	CIST 1130 or CIST 1135	3-4
	Minimum Credit Hours for Graduation	54-55