

CIS - NSI4: Networking Specialist Diploma (replaces CIN4: Networking Specialist in the Quarter System)

The Computer Information Systems—Networking Specialist—diploma program is designed to provide students with an understanding of the concepts, principles, and techniques required in computer information processing.

NOTE: Program courses in Computer Information Systems require strong aptitudes for math, problem solving, critical thinking, listening, teamwork, and written direction.

Career Opportunities

Graduates may find employment in network installation and maintenance, network administration, network operating systems support, and hardware repair/maintenance.

Credit Required for Graduation: Minimum of 54 credit hours

Curriculum

Program Course	Credits
<i>Basic Skills Courses</i>	
_____ EMPL 1000 Interpersonal Relations and Professional Development	2
_____ ENGL 1010 Fundamentals of English I	3
_____ MATH 1012 Foundations of Mathematics	3
<i>Occupational Courses</i>	
_____ CIST 1001 Computer Concepts	4
_____ CIST 1122 Hardware Installation and Maintenance	4
_____ CIST 1130 Operating Systems Concepts	3
_____ CIST 1305 Program Design and Development	3
_____ CIST 1401 Computer Networking Fundamentals	4
_____ CIST 1601 Information Security Fundamentals	3
_____ CIST 2311 Visual Basic I	4
_____ -or- _____ CIST 2371 Java Programming I	(4)
_____ COMP 1000 Introduction to Computers	3
<i>Occupational Electives (2 credits from the list below)</i>	
_____ CIST 1510 Web Development I	3
_____ CIST 2120 Supporting Application Software	4
_____ CIST 1220 Structured Query Language	4
_____ CIST 2431 UNIX/LINUX Introduction	4
_____ CIST 2921 IT Analysis, Design and Project Management	4

-and-

The following specialization

<i>Specific Occupational Courses (Microsoft Specialization)</i>			
_____	CIST 2411	Microsoft Client	4
_____	CIST 2412	Windows Server Directory Services	4
_____	CIST 2413	Microsoft Server Infrastructure	4
_____	CIST 2414	Microsoft Server Administrator	4