

Networking Specialist

Diploma

NS14

Curriculum

Basic Skills	8
ENGL 1010 Fundamentals of English I (3)	3
MATH 1012 Foundations of Mathematics (3)	3
EMPL 1000 Interpersonal Relations and Professional Development (2)	2
Occupational Courses	31
Required Courses:	
COMP 1000 Introduction to Computers (3)	
CIST 1001 Computer Concepts (4)	
CIST 1122 Hardware Installation and Maintenance (4)	
CIST 1130 Operating Systems Concepts Oss (3)	
CIST 1210 Introduction to Oracle Databases (4)	
CIST 1305 Program Design and Development (3)	
CIST 1401 Computer Networking Fundamentals (4)	
CIST 1601 Information Security Fundamentals (3)	
CIST 2122 A+ Preparation (3)	
Specialization: <i>(Choose ONE course group below)</i>	16
Cisco Specialization	16
CIST 2451 Cisco Network Fundamentals (4)	
CIST 2452 Cisco Routing Protocols and Concepts (4)	
CIST 2453 Cisco LAN Switching and Wireless (4)	
Select ONE guided elective below:	
CIST 2411 Microsoft® Client (4)	
CIST 2412 Microsoft® Server Directory Services (4)	
CIST 2413 Microsoft® Server Infrastructure (4)	
CIST 2414 Microsoft® Server Administrator (4)	
CIST 2431 Linux/UNIX Introduction (4)	
CIST 2921 IT Analysis, Design, and Project Management (4)	
Microsoft Specialization	16
CIST 2411 Microsoft® Client (4)	
CIST 2412 Microsoft® Server Directory Services (4)	
CIST 2413 Microsoft® Server Infrastructure (4)	
CIST 2414 Microsoft® Server Administrator (4)	
Linux Specialization	16
CIST 2431 Linux/UNIX Introduction (4)	
CIST 2432 Linux/UNIX Server (4)	
CIST 2433 Linux/UNIX Advanced Server (4)	
CIST 2434 Linux/UNIX Scripting (4)	
Total Credit Hour (minimum):	55