

Networking Specialist

Associate of Applied Science Degree

NS13

Curriculum

General Education Core	15
Area I: Language Arts/Communication	
ENGL 1101 Composition and Rhetoric (3)	3
Area II: Social/Behavioral Sciences <i>(Choose ONE course)</i>	
ECON 1101 Principles of Economics (3)	3
ECON 2105 Principles of Macroeconomics (3)	
ECON 2106 Principles of Microeconomics (3)	
HIST 1111 World History I (3)	
HIST 1112 World History II (3)	
HIST 2111 American History I (3)	
HIST 2112 American History II (3)	
POLS 1101 American Government (3)	
PSYC 1101 Introduction to Psychology (3)	
SOCI 1101 Introduction to Sociology (3)	
Area III: Natural Sciences / Mathematics <i>(Choose ONE course)</i>	
MATH 1101 Mathematical Modeling (3)	3
MATH 1103 Quantitative Skill and Reasoning (3)	
MATH 1111 College Algebra (3)	
Area IV: Humanities/Fine Arts <i>(Choose ONE course)</i>	
ARTS 1101 Art Appreciation (3)	3
ENGL 2130 American Literature (3)	
HUMN 1101 Introduction to Humanities (3)	
MUSC 1101 Music Appreciation (3)	
RELG 1101 Introduction to World Religions (3)	
Elective: General Education <i>(Choose ONE course)</i>	
Choose one course from Area I, II, III, or IV listed above	3
OR	
BIOL 1111 Biology I (3) + BIOL 1111L Biology I Lab (1)	
BIOL 1112 Biology II (3) + BIOL 1112L Biology II Lab (1)	
CHEM 1211 Chemistry I (3) + CHEM 1211L Chemistry I Lab (1)	
CHEM 1212 Chemistry II (3) + CHEM 1212L Chemistry II Lab (1)	
MATH 1127 Introduction to Statistics (3)	
MATH 1131 Calculus I (4)	
MATH 1132 Calculus II (4)	
PHYS 1110 Conceptual Physics (3) + PHYS 1110L Conceptual Physics Lab (1)	
PHYS 1111 Introductory Physics I (3) + PHYS 1111L Introductory Physics I Lab (1)	
PHYS 1112 Introductory Physics II (3) + PHYS 1112L Introductory Physics II Lab (1)	
ENGL 1102 Literature and Composition (3)	
SPCH 1101 Public Speaking (3)	

Occupational Courses	35
Required Courses:	31
COMP 1000 Introduction to Computers (3)	
CIST 1001 Computer Concepts (4)	
CIST 1122 Hardware Installation and Maintenance (4)	
CIST 1401 Computer Networking Fundamentals (4)	
CIST 1130 Operating Systems Concepts Oss (3)	
CIST 1210 Introduction to Oracle Databases (4)	
CIST 1305 Program Design and Development (3)	
CIST 1601 Information Security Fundamentals (3)	
CIST 2122 A+ Preparation (3)	
Occupational Electives: (<i>Choose ONE course</i>)	4
CIST 2311 Visual Basic I (4)	
CIST 2341 C# Programming I (4)	
CIST 2361 C++ Programming I (4)	
CIST 2371 Java Programming I (4)	
CIST 2381 Mobile Application Development I (4)	
Specialization: (<i>Choose ONE course group below</i>)	16
Cisco Specialization	
CIST 2451 Cisco Network Fundamentals (4)	
CIST 2452 Cisco Routing Protocols and Concepts (4)	
CIST 2453 Cisco LAN Switching and Wireless (4)	
CIST 2454 Cisco Accessing the WAN (4)	
Microsoft Specialization	
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	
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):	66