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: *(Choose ONE course group below)*	16

Cisco Specialization	16

CIST 2451 Introduction to Networks - Cisco (4)
CIST 2452 Cisco Switching, Routing, and Wireless Essentials (4)
CIST 2453 Enterprise Networking, Security, and Automation (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 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)

Cloud Computing	16

CIST 2480 AWS Cloud Foundations (4)
CIST 2481 AWS Cloud Architecting (4)
CIST 2482 AWS Cloud Developing (4)

CIST Cloud Elective Select ONE elective below:
    CIST 2483 AWS Data Analytics (4)
    CIST 2484 AWS Cloud Operations (4)

Total Credit Hour (minimum):	55