

# Networking Specialist

## Diploma

NS14

### Curriculum

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<b>Basic Skills</b>	<b>8</b>
ENGL 1010 Fundamentals of English I (3)	3
MATH 1012 Foundations of Mathematics (3)	3
EMPL 1000 Interpersonal Relations and Professional Development (2)	2

<b>Occupational Courses</b>	<b>31</b>
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**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)

<b>Specialization: <i>(Choose ONE course group below)</i></b>	<b>16</b>
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**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)

<b>Total Credit Hour (minimum):</b>	<b>55</b>
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