

Networking System Administrator (NSA), Associate of Science Degree

This program offers to the students a technical training and a basic foundation designing, installing, configuring and supporting a computer network. Our graduates are ready to get positions as entry-level in System Administrator, Network Administrator, LAN Administrator, and Help Desk Support. The program also includes a fifteen-credit-hour component of General Education/Liberal Arts courses and offers the foundation necessary to continue onto a Bachelor's Degree. The university awards an Associate of Science Degree upon graduation.

GRADUATION REQUIREMENTS (A MINIMUM OF 60 CREDITS)

REQUIRED COURSES

General Education Requirements

Credit Hours

COMMUNICATIONS (6 CREDITS)

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| ENC 1101 | English Composition I ** | 3 |
| SPC 1017 | Fundamentals of Oral Communication | 3 |

HUMANITIES (3 CREDITS)

BEHAVIORAL / SOCIAL SCIENCE (3 CREDITS)

MATHEMATICS (3 CREDITS)

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| MAC 1105 | College Algebra I ** | 3 |
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COMPUTERS (4 CREDITS)

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| CGS 1030 | Introduction to Information Technology | 4 |
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| SLS 1501 | College Study Skills | 0 |
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CORE REQUIREMENTS (29 CREDITS)

Credit Hours

Certification Exams

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|-----------|--|---|--|-----------|
| CNT 2000c | Networking Essentials ** | 3 | | Network + |
| CTS 1651 | LAN Switching and Wireless Networking***++ | 4 | | CCENT |
| CTS 2151c | A+ Computer Maintenance and Repair I | 3 | | A+ |
| CTS 2152c | A+ Computer Maintenance and Repair II | 3 | | A+ |
| CTS 2300c | Client Operating System** | 4 | | MCSA |
| CTS 2302c | Active Directory Service** | 4 | | MCSA |
| CTS 2328c | Server Installation, Configuration and Admin. ** | 4 | | MCSA |
| CTS 2650 | Routing Protocols and Concepts**** | 4 | | CCENT |

SUGGESTED ELECTIVES (12 credits)

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|-----------|--|---|--|------------|
| CGS 1500c | Word Processing | 3 | | |
| CGS 1516c | Spreadsheet Applications | 3 | | |
| CGS 1522c | Microsoft Office Specialist / PowerPoint | 3 | | |
| CGS 1788c | Graphics Design I (Adobe Photoshop) | 3 | | |
| CGS 2540c | Database Management Systems (Access) | 4 | | |
| CIS 2202 | Introduction to Computer Forensics | 3 | | |
| CNT 2401 | Network Security | 4 | | |
| COP 1200 | C++ Programming I | 4 | | |
| COP 2010 | Visual Basic Programming I | 4 | | |
| CTS 2155c | IT Help Desk Support | 4 | | CompTia A+ |

All Credit Courses from within this division or any other division can be used as Suggested Electives.

*General Education Component (see page 219)

**This course has prerequisites; check course descriptions.

MCSA = Microsoft Certified Solutions Associate

CCENT = Cisco Certified Entry Networking Technician (CCENT)

CCNA = Cisco Certified Network Associate (CCNA)