

Information Network Technology

*Associate in Applied Science
with an emphasis in Information Networking Technology
CIP 11.0901*

Careers

IT Management and Support Services
Software Development
Application Support
Network Administration and Maintenance
Database Development
E-Commerce

Information Network Technology

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Program

(Recommended Sequence of Courses)

| Semester I | | Hrs |
|-----------------------------------|-----------------------------------|----------|
| BUS121 | Business Mathematics <i>or</i> | |
| MAT103 | Intermediate Algebra <i>or</i> | |
| MAT105 | College Algebra <i>or</i> | |
| MAT130 | Essential Mathematics | 3 |
| CIS100 | Computer Concepts and Application | 3 |
| CIS110 | Cybersecurity Essentials | 3 |
| COL101 | English Composition I <i>or</i> | |
| COL116 | Business Writing <i>or</i> | |
| BUS261 | Business Communications | 3 |
| Fine Arts and Humanities Elective | | <u>3</u> |
| Total hours | | 15 |

| Semester II | | Hrs |
|---|-------------------------------|----------|
| CIS109 | Intro to Computer Programming | 3 |
| CIS170 | Microsoft Office | 3 |
| PRO116 | Raster Graphics I: Photoshop | 3 |
| Computer Science <i>or</i> Pro Media Elective | | 3 |
| Social and Behavioral Science Elective | | <u>3</u> |
| Total hours | | 15 |

| Semester III | | Hrs |
|---|---------------------------------|----------|
| CIS113 | Linux Essentials | 3 |
| CIS125 | Cisco Network Basics <i>or</i> | |
| CIS241 | Computer Network+ | 3 |
| CIS135 | Computer Repair – Core Hardware | 3 |
| Computer Programming Course | | 3 |
| Computer Science <i>or</i> Pro Media Elective | | <u>3</u> |
| Total hours | | 15 |

| Semester IV | | Hrs |
|---|--|----------|
| CIS215 | Ethical Hacking | 3 |
| CIS242 | Network Security+ <i>or</i> | |
| CIS250 | Cisco Routing and Switching Essentials | 3 |
| CIS275 | Computer Repair - Operating Systems | 3 |
| PRO251 | Web Design: Adobe Suite | 3 |
| Computer Science <i>or</i> Pro Media Elective | | <u>3</u> |
| Total hours | | 15 |

Associate in Applied Science Degree Total 60

Suggested Computer Programming Courses:
CIS106 *Intro to Python Programming*
CIS115 *Visual Basic I*
CIS230 *C++ Programming I*

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