

Information Networking Technology

Computer & Network Support Tech and Cybersecurity Support Certificate: Certificate A

Required Courses (Certificate A): 18-24 Credit Hours

| Course ID | Course Title | Credit Hours | Notes |
|-----------------------------------------------------|-----------------------------------|--------------|--------------------|
| CIS 100 | Computer Concepts/Applications | 3 | Fall/Spring/Summer |
| CIS 135 | Computer Repair-Core Hardware | 3 | Fall |
| CIS 275 | Computer Repair-Operating Systems | 3 | Spring |
| CIS 241 | Computer Network + | 3 | Fall |
| CIS 242 | Network Security + | 3 | Spring |
| For Computer and Network Support Technician: | | | |
| CIS 170 | Microsoft Office | 3 | Fall/Spring |
| For Cybersecurity Computer Support: | | | |
| CIS 110 | Cybersecurity Essentials | 3 | Fall |
| CIS 113 | Linux Essentials | 3 | Fall |
| CIS 215 | Ethical Hacking | 3 | Spring |
| Total: | | 18-24 | |

Information Networking Technology AAS

Required Courses (AAS): 39 Credit Hours

| Course ID | Course Title | Credit Hours | Notes |
|---------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|--------------|------------------------|
| | **All CIS Courses Listed Above | 27 | |
| CIS 109 | Introduction to Computer Programming | 3 | Fall/Spring |
| CIS 126, 130, or 175 | Microsoft PowerPoint, Excel, or Word | 3 | Fall/Spring |
| CIS 106, 115, or 230 | Intro to Python Programming, Visual Basic I, or C++ Programming I | 3 | Fall/Spring |
| GRD 155 or 251 | Web Design: HTML/Javascript or Web Design: Adobe Suite | 3 | Spring |
| General Education Courses: 12 Credit Hours | | | |
| Course ID | Course Title | Credit Hours | Notes |
| BUS 261 or COL 101 | Business Communications OR English Composition I | 3 | Fall/Spring/Summer |
| | Mathematics Bucket | 3 | |
| | Social & Behavioral Bucket | 3 | |
| | Arts and Humanities Bucket | 3 | |
| Free Electives: 9 Credit Hours | | | |
| Course ID | Course Title | Credit Hours | Notes |
| | CIS course or GRD 116, 125, 155, 180, 201, 225, 251, BUS 120, 121, 125, 161, 205, 261, 275, 278, 279, COM 101, 211 | 9 | *Must choose from list |
| Total: | | 60 | |

Certificate/AAS in Information Networking Semester Plan

| Fall | |
|-------------------------------|-----------|
| Course | Credits |
| Computer Concepts/Apps | 3 |
| Computer Repair-Core Hardware | 3 |
| Computer Network + | 3 |
| Cybersecurity Essentials | 3 |
| Linux Essentials | 3 |
| Total | 15 |

| Spring | |
|-----------------------------------|-----------|
| Course | Credits |
| Computer Repair-Operating Systems | 3 |
| Network Security + | 3 |
| Ethical Hacking | 3 |
| Microsoft Office | 3 |
| Intro to Computer Programming | 3 |
| Total | 15 |

| Fall | |
|-------------------------------------------------------------------|-----------|
| Course | Credits |
| Mathematics Bucket | 3 |
| Business Comm or English Comp I | 3 |
| Microsoft PowerPoint, Excel, or Word | 3 |
| Intro to Python Programming, Visual Basic I, or C++ Programming I | 3 |
| Social/Behavioral Bucket | 3 |
| Total | 15 |

| Spring | |
|--------------------------------------------|-----------|
| Course | Credits |
| Web Design: HTML/Javascript or Adobe Suite | 3 |
| Arts & Humanities Bucket | 3 |
| CIS, GRD, or BUS Elective | 3 |
| CIS, GRD, or BUS Elective | 3 |
| CIS, GRD, or BUS Elective | 3 |
| Total | 16 |