

CYBERSECURITY FUNDAMENTALS, CERTIFICATE OF COMPLETION



**COMPUTER AND
INFORMATION
TECHNOLOGY**

Program Requirements

Program Prerequisites: None

| Code | Title | Credits | Semester |
|---|--|---------|----------|
| Required Courses | | | |
| Select one of the following: | | 3 | |
| BPC270 | A+ Exam Prep: Operating System Configuration and Support | | |
| MST150++ | Any Microsoft Windows courses | | |
| CIS105 | Survey of Computer Information Systems | 3 | |
| CIS111 | Ethics in Information Technology | 3 | |
| or ITS120 | Legal, Ethical and Regulatory Issues | | |
| CIS126DL | Linux Operating System | 3 | |
| or CIS126RH | Red Hat System Administration I | | |
| CIS156 | Python Programming: Level I | 3 | |
| CIS190 | Introduction to Networking | 3-4 | |
| or CNT140AB | Introduction to Networks | | |
| Select one of the following: | | 0-3 | |
| CIS250 | Management of Information Systems | | |
| Only students taking CIS271DB would be required to take CIS250. | | | |
| Select one of the following: | | 3-6 | |
| CIS270 | Essentials of Network and Information Security | | |

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|----------------------|--|--------------|--|
| CIS272DB & CIS271DB | Information Security Principles and Information Security Essentials ¹ | | |
| ITS110 | Information Security Fundamentals | | |
| ITS240 | Ethical Hacking and Network Defense | 3 | |
| Total Credits | | 24-31 | |