

INFORMATION TECHNOLOGY - CYBERSECURITY CONCENTRATION DEGREE

Program Code: A25590CS

| Course | Title | Hours |
|------------------------------------|--|--------------|
| First Year | | |
| Fall | | |
| NOS-110 | Operating Systems Concepts | 3 |
| CTI-110 | Web, Programming, and Database Foundation | 3 |
| CTI-120 | Network and Security Foundation | 3 |
| ENG-111 | Writing and Inquiry | 3 |
| CTS-115 | Information Systems Business Concepts | 3 |
| CCT-110 | Introduction to Cyber Crime | 3 |
| Hours | | 18 |
| Spring | | |
| NOS-120 | Linux/UNIX Single User | 3 |
| CTI-140 | Virtualization Concepts | 3 |
| CSC-121 | Python Programming | 3 |
| SEC-110 | Security Concepts | 3 |
| NET-125 | Introduction to Networks | 3 |
| Hours | | 15 |
| Summer | | |
| NET-126 | Switching and Routing | 3 |
| ENG-112 | Writing and Research in the Disciplines | 3 |
| Hours | | 6 |
| Second Year | | |
| Fall | | |
| NOS-220 | Linux/Unix Administration I | 3 |
| CSC-211 | Ethical Hacking With Python I | 3 |
| NOS-230 | Windows Administration I | 3 |
| MAT Elective | | 3-4 |
| Soical/Behavioral Science Elective | | 3 |
| Hours | | 15-16 |
| Spring | | |
| HUM-115 or PHI-240 | Critical Thinking or Introduction to Ethics | 3 |
| SEC-160 | Security Administration I | 3 |
| CTI-141 | Cloud and Storage Concepts | 3 |
| SEC-151 | Introduction to Protocol Analysis | 3 |
| SEC-210 | Intrusion Detection | 3 |
| Hours | | 15 |
| Total Hours | | 69-70 |

| Code | Title | Hours |
|-------------------------------|---|-------|
| General Ed Courses | | |
| <i>Science/Mathematics</i> | | |
| MAT-110 | Mathematical Measurement and Literacy | 3 |
| MAT-121 | Algebra/Trigonometry I | 3 |
| MAT-143 | Quantitative Literacy | 3 |
| MAT-152 | Statistical Methods I | 4 |
| MAT-171 | Precalculus Algebra | 4 |
| <i>English/Communications</i> | | |
| ENG-111 | Writing and Inquiry | 3 |
| ENG-112 | Writing and Research in the Disciplines | 3 |
| ENG-114 | Professional Research & Reporting | 3 |

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| ENG-116 | Technical Report Writing | 3 |
| COM-231 | Public Speaking | 3 |
| <i>Social/Behavioral Science</i> | | |
| PSY-150 | General Psychology | 3 |
| PSY-118 | Interpersonal Psychology | 3 |
| SOC-210 | Introduction to Sociology | 3 |
| ECO-151 | Survey of Economics | 3 |
| ECO-251 | Principles of Microeconomics | 3 |
| ECO-252 | Principles of Macroeconomics | 3 |
| POL-120 | American Government | 3 |