

Cybersecurity Specialist Program

Program Description – Graduates of this program will be able to monitor, detect, investigate, analyze and respond to Cybersecurity events thus protecting systems from cybersecurity risks, threats, and vulnerabilities. Graduates will know how to respond to cybersecurity anomalies and execute preventive measures. Graduates may find entry level employment as Cybersecurity analyst, IT Security Specialist at Security Operations Centers (SOC).

Admission Requirements-

1. High school diploma or GED certification. Interview with an approved school admissions counselor
2. Submit documentation of Certiport Microsoft MTA Networking Test (70% or higher) **or**
3. Submit evidence of 6 months work experience in Information Technology Field – submit a resume.

Subject Description

CMS 2101 – Security Fundamentals: Students will learn gain a baseline knowledge in the world of IT security. This course takes the student from basic concepts right into real-world implementations, cementing new knowledge by giving the opportunity to immediately see it in action and practice. The students will learn security basics like the three "A's" of security (authentication, authorization, and accounting), and learn how the Windows operating system secures files, websites, users, mail servers.

CMC IT101- IT Service Management: Students will learn foundational knowledge of IT service management, and how the IT Infrastructure Library (ITIL®) can help establish a framework for an organization to successfully deliver IT services to customers efficiently and effectively. Students will explore the basics of IT service management and delve into how people are vitally important to the ITIL® framework.

CMC CBT5 – IT Governance: The students will learn how COBIT 2019 framework enables information and related technology to be governed and managed in a holistic manner for the whole enterprise, taking in the full end-to-end business and functional areas of responsibility, considering the IT-related interests of internal and external stakeholders.

CIS C250- Cybersecurity Fundamentals: This course teaches the students cyber security challenges faced by organizations with rapidly detecting cybersecurity breaches and effectively responding to security incidents. Students will learn about how teams of people in Security Operations Centers (SOC's) keep a vigilant eye on security systems, protecting organizations by detecting and responding to cybersecurity threats.

Course	Industry certification Exam	Exam offered by (Third party)
Security Fundamentals	Microsoft (MTA) Security Fundamentals	Microsoft Corporation
	CompTIA Security+ CE	Computing Technology Industry Association (CompTIA)
IT Service Management	ITIL 4 Foundation	AXELOS
IT Governance	COBIT 2019	Information Systems Audit and Control Association (ISACA)
Cybersecurity Fundamentals	Cisco Cybersecurity Operations – CBRPOS	Cisco Corporation

This program 168 clock hours – 14 hours per week – 12 weeks duration.

Please refer to Veteran administration BAH benefit guidelines.