Cyber Security Career Explorer Program

Cyber Security Career Explorer is a 100% online education program. It will help you become proficient in foundational knowledge, skills, and abilities across areas of cybersecurity and cyber risk. These three foundational units will help you establish a strong understanding to launch your cyber career. There is also an opportunity to experience labs through our Rapid Simulations Portal to test your knowledge.

Duration
3 Hours
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Intellectual POINT
EXCELLENCE THROUGH EDUCATION

Training Program

Cyber Security Career Explorer is a great opportunity to get your foundational knowledge to get a leg-up in the industry. Now you can experience this free class for your own personal benefit. The skills acquired in this course will help you build a firm foundation within the field of cybersecurity and it aligns with the National Cybersecurity Workforce Framework (NCWF). Get ready to learn about Network Fundamentals, Threats & Attacks, and Network Security.

Take advantage of this free starter course for cybersecurity. Are you looking to start your career in Cyber Security? These topics will help you with a strong foundation of cybersecurity knowledge. It can also help you figure out if this is what you are interested in before you get too far into the program.

Course Schedule

UNIT 1 - NETWORK FUNDAMENTALS
- A course that covers the basic concepts and techniques found in computer networks.

By the end of the course, students will be able to:
- Describe network routing principles, including network architecture, media, protocols, and devices
- Perform simple command-line operations to demonstrate common network principles
- Identify potential weak spots, vulnerabilities, exploits present in a given network

UNIT 2 - THREATS AND ATTACKS
- A course that covers common types of cyberattacks, the common vulnerabilities they exploit, and the most effective countermeasures.

By the end of the course, students will be able to:
- Compare, contrast and categorize attack types and their attack vectors
- Compare and contrast common countermeasures against different attack types
- Identify general countermeasures to improve personal cybersecurity hygienes

UNIT 3 - NETWORK SECURITY
- A course that covers security mechanisms and techniques commonly implemented in secure networks.

By the end of the course, students will be able to:
- Describe common technologies and techniques that provide and increase network security and resiliency
- Given a scenario, follow appropriate network security best practices and apply appropriate safeguards to design a secure network

Benefits of Class

- Help you figure out if this is the career for you before you get too invested into it.
- It will increase your skills in a high-demand job field
- You will learn objectives linked to industry certifications
- You can learn these from home or your office on your time
- These classes are FREE

www.intellectualpoint.com/cyber-security-career-explorer