

# VET TEC PROGRAM: CAREER PATHWAYS

## Cyber Warrior Pathway

### Core Courses

CompTIA Security+ |  
72 hours

Certified Ethical Hacker (CEH) |  
72 hours

Certified Information Systems Security  
Professional (CISSP) | 72 hours

**Total Cyber Warrior Pathway  
Clock Hours | 216**

### Contact Us

(571) 577-7890

(703) 554-3827

www.intellectualpoint.com

info@intellectualpoint.com



EXCELLENCE  
THROUGH  
EDUCATION

**Intellectual**  
POINT



## Program Prerequisites

5 years of experience is required for the Cyber Warrior pathway.

\*To qualify for the CISSP cybersecurity certification, you must pass the exam and have at least five years of cumulative, paid work experience in two or more of the eight domains of the (ISC)<sup>2</sup> CISSP Common Body of Knowledge (CBK).



## Program Goal

The Cyber Warrior (CW) Career Pathway is a very technical, 108 clock-hour program with a cohesive and progressive set of learning outcomes. This program positions the individual for entry to mid-level positions as a cybersecurity professional. The cyber warrior engages in cyber warfare using information technology to better secure a system. The CW searches for and eliminates vulnerabilities through ethical hacking before hackers with malicious intent find and exploit them. Successful graduates will learn security fundamentals and explore technical subjects such as incident response, threat hunting and penetration testing, cryptography, and software assurance. In addition, students will have the option to pursue industry-recognized certifications and applicable skills in cybersecurity.



## Professional Objectives

The objective of this program is to empower students to become Cyber Warriors and combine the skills of an ethical hacker with the mindset of a security professional. Over the course of the program, the students will develop the following skills:

- Identify network risk, threat and vulnerability
- Secure computer networks and build on defense fundamentals
- Combat network security threats, vulnerabilities, and attacks
- Implement network security controls and protocols on multiple devices
- Design and implementation of network security policy
- Maintain both physical and host security

[www.intellectualpoint.com/vet-tec-program/](http://www.intellectualpoint.com/vet-tec-program/)



## Learning Outcomes

Upon completion of the Cyber Warrior Program, graduates will be able to:

- Utilize tools like WireShark, Nmap, Metasploit and Kali Linux for ethical hacking
- Perform network surveying and port scanning to uncover loopholes
- Conduct vulnerability research and verification to thwart attacks
- Secure configuration and management for VPN, Firewall, IDS and IPS
- Participate in Red Team for offense and Blue Team for defense cyber operations
- Execute essential security technologies – TCP/IP Firewalls and VPN
- Minimize the threat of external attacks and viruses with successful countermeasures
- Harden networks and operating systems

### Sign Up Today!



## Possible Career Tracks

- Cyber Operations Specialist
- Cyber Incident Responder
- Cyber Security Manager/Administrator
- Systems Engineer
- Cyber and IT Auditor
- Cyber Forensics Analyst
- Security Operations Center (SOC) Analyst
- Cyber Security Engineer
- Cyber Security Analyst
- Network Engineer/Architect

### Contact Us

(571) 577-7890

(703) 554-3827

[www.intellectualpoint.com](http://www.intellectualpoint.com)

[info@intellectualpoint.com](mailto:info@intellectualpoint.com)

46175 West Lake Drive  
Suite 250  
Sterling, VA 20165

Be Social With Us!



## Core Courses

- ISA 1002 CompTIA Security+ | 72 hours
- ISA 1005 Certified Ethical Hacker (CEH) | 72 hours
- ISA 1006 Certified Information Systems Security Professional (CISSP) | 72 hours
- Total Cyber Warrior Pathway Clock Hours | 216



State Council of  
Higher Education for Virginia



**Intellectual**  
POINT

[www.intellectualpoint.com/vet-tec-program/](http://www.intellectualpoint.com/vet-tec-program/)