Development Operations

Pathway Program

Master DevOps security to detect threats, implement defenses, and protect modern IT infrastructures.

- 216 Total Clock Hours
- 3 Obtainable Certificates

Start Today   Basic Computer Knowledge Required

What you may learn

This is what you will experience in the Pathway

The pathway includes 3 instructor-led classes for you to learn technical skills and applicable examples to prepare you for technical certifications and training towards Development Operations.

Taught by Industry Veterans & **World Class Instructors**

Possible Career Options

- DevOps Security Engineer
- Splunk Administrator
- Cybersecurity Consultant
- Security Analyst
- Vulnerability Researcher
- Security Software Developer

Possible Certifications

Introduction to the Development Operations Pathway ⌄

▶ **Overview**

The Development Operations Pathway prepares students to design, implement, and maintain cybersecurity controls within development and operations environments. This program covers security strategies, threat detection, ethical hacking principles, and monitoring techniques to safeguard IT infrastructures. Students will gain hands-on experience with DevOps security tools, Splunk analytics, and proactive threat mitigation, developing the skills needed to protect modern systems from cyber threats.

Upon completion of this pathway, students will be able to:

- Secure DevOps environments with controls
- Detect and mitigate threats via ethical hacking
- Anticipate, prevent, and respond to attacks
- Leverage Splunk for security analysis
- Monitor networks for threats
- Apply cybersecurity best practices

Available Courses   216 Total Clock Hours ⌄

CompTIA Security+
Class & Skill Application
36 Class Hours • 36 Skill App Hours

Certified Ethical Hacker (CEH)
Class & Skill Application
36 Class Hours • 36 Skill App Hours

Splunk Core Certified User
Class & Skill Application
36 Class Hours • 36 Skill App Hours