

Cybersecurity Specialist Diploma

Go deep across the full cybersecurity field — from foundations and ethical hacking to SOC operations, GRC, cloud security and forensics.

Diploma

22 Modules

940 hours

100% Online

PROGRAM OVERVIEW

The Cybersecurity Specialist Diploma is our most comprehensive security program, covering the full breadth of the field across 22 areas of study and 940 instructional hours.

You will progress from foundations and threat analysis through application and network defense, penetration testing, secure development, governance/risk/compliance (GRC), Security Operations Centre (SOC) work, cloud security and digital forensics — graduating ready to specialize as a cybersecurity professional.

WHAT YOU WILL LEARN

- Apply core cybersecurity and information-security principles
- Secure networks, operating systems and endpoints
- Analyze malware, threats and attack techniques
- Test web applications and conduct penetration testing
- Write secure code and secure the SDLC
- Run a SOC: monitoring, detection and incident response
- Apply GRC: governance, risk management and compliance
- Secure cloud environments (AWS, Azure, GCP) and perform digital forensics

CURRICULUM

Foundations

Foundations of Cybersecurity

Information Security Fundamentals

Networking and Operating Systems Security

Threats & Attack Techniques

Cyber Threats and Attack Techniques

Malware and Threat Analysis

Social Engineering and Phishing

Application & Network Defense

Web Application Security

Web Application Penetration Testing

Secure Coding Practices

Network Security

Endpoint Security

Secure Software Development

Governance, Risk & Operations

GRC: Governance, Risk Management & Compliance

The GRC Analyst Role

Risk Management and Compliance

Security Operations Centre (SOC)

SOC Key Functions

Documentation & Policies

Advanced, Cloud & Forensics

Cloud Security (AWS, Azure, GCP)

Advanced Cryptography

Incident Management & Digital Forensics

Emerging Technologies & Trends

CAREER PATHS

- Cybersecurity Specialist
- SOC Analyst
- Penetration Tester
- GRC Analyst
- Incident Response / Forensics Analyst
- Cloud Security Analyst