Curriculum
Cybersecurity

Start your career in the field of cybersecurity

In this intensive bootcamp, you'll gain expertise in technical security measures, cloud and AI risks, as well as governance, risk, and compliance structures. You'll learn how to securely assess modern IT and cloud environments, identify and manage risks, threats and vulnerabilities, and enforce compliance as per security standards.

You will be specifically prepared for roles where technical understanding, regulatory compliance, and strategic thinking come together. These roles include: Information Security Auditor, Cybersecurity Analyst, SOC Analyst, Threat Intelligence Analyst.

10 Years
of Building Careers

Tech-Stacks

Technical Foundations

• Security Principles (CIA Triad, Threat Models)
• Git & GitHub (Version Control & Collaboration)
• Linux & Unix Command Line
• Networking Fundamentals (TCP/IP, DNS, HTTP, VPN)

Cybersecurity Analysis

• Threat Intelligence & Risk Assessment
• Cryptography & Data Protection
• Incident Response & Digital Forensics
• Log Analysis & Threat Hunting

Security Operations & Engineering

• Network Security & Firewalls
• Identity & Access Management (IAM)
• Intrusion Detection & Prevention (IDS/IPS)
• SIEM (Splunk / ELK / Microsoft Sentinel)
• Endpoint Detection & Response (EDR/XDR)

Cloud & Virtualization Security

• Cloud Security Best Practices (AWS, Azure)
• Infrastructure as Code (Terraform Basics)
• Cloud Identity & Zero Trust Models

Vulnerability Assessment & Penetration Testing

• Vulnerability Scanning & Exploitation
• Web Application Security (OWASP Top 10)
• Social Engineering & Phishing Simulation
• Red Team vs Blue Team Methodologies
• Reporting & Remediation Strategy

Career Readiness

• Security Case Studies & Research
• Portfolio Development (Hands-on Labs)
• Capstone Security Project
• Certification Preparation:
  - CompTIA A+
  - CompTIA Security+
  - CompTIA CySA+

Governance Risk and Compliance

• Information Security Risk Management
• Risk Identification
• Risk Treatment & Acceptance
• Introduction to ISO/IEC 27001:2022 standards
• Structure of ISO Management System Standards (HLS)

Soft Skills

Communication Skills
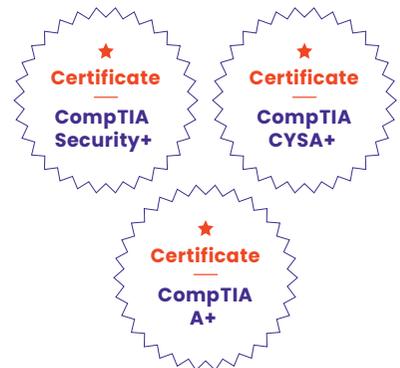Creativity
Domain Knowledge
Problem Solutions
Collaboration
Time Management
Flexibility
Ethical Thinking

★ **Certificate**
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CompTIA Security+

★ **Certificate**
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CompTIA CYSA+

★ **Certificate**
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CompTIA A+

The curricula presented here are intended as an exemplary guide to course content. Adjustments to the content and schedule are possible – from didactic and organizational perspectivesreasons as well as to adapt to the state of the art and current requirements of the labor market – expressly remain reserved, without thereby impairing the character of the course and the overall quality of its content.