

Curriculum Cloud, Cyber & Information Security

Start your career in cloud, cyber, and information security!

In this intensive bootcamp, you'll gain solid 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, manage risks, and implement security concepts that are ready for certification.

In addition, you'll be specifically prepared for roles where technical understanding, regulatory confidence, and strategic thinking come together – such as Information Security Officer or Compliance Manager.



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
- Security Policies & Governance (GRC)
- 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+

Soft Skills

Communication Skills

Creativity

Domain Knowledge

Problem Solutions

Collaboration

Time Management

Flexibility

Ethical Thinking



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 perspectives reasons 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.