

EC-Council Certified Cybersecurity Technician (C-CT)

Course: **00081**

Filter: **Beginner**

Duration: **20 hours**

Category:: **Gouvernance, Risk and Compliance**

Price: **3895,00 €**

About Course

The Certified Cybersecurity Technician (C|CT) is an entry-level certification program engineered to address specifically the increasing need for cybersecurity technicians with strong foundational skills. The C|CT Certification validates an individual's fundamental cybersecurity skills across the domains of network defense, ethical hacking, digital forensics, and security operations.

What you'll learn

- Explain key concepts in cybersecurity, including information security and network security Information security threats, vulnerabilities, and attacks
- Describe the different types of malware Identification, authentication, and authorization
- Understand network security assessment techniques and tools (threat hunting, threat intelligence, vulnerability assessment, ethical hacking, penetration testing, configuration, and asset management)
- Explore the fundamentals of virtualization, cloud computing, and cloud security Wireless network fundamentals, wireless encryption, and related security measures
- Describe the fundamentals of mobile, IoT, and OT devices and related security measures
- Investigate breaches using computer forensics and digital evidence
- Continue learning and face new challenges with after-course one-on-one instructor coaching

Pre-requisites

- Knowledge and experience in IT and networking

Curriculum

Module 1: Information Security Threats and Vulnerabilities

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Module 2: Information Security Attacks

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Module 3: Network Security Fundamentals

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Module 4: Identification, Authentication, and Authorization

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Module 5: Network Security Controls: Administrative Controls

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Module 6: Network Security Controls: Physical Controls

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Module 7: Network Security Controls: Technical Controls

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Module 8: Network Security Assessment Techniques and Tools

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Module 9: Application Security

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Module 10: Virtualization and Cloud Computing

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Module 11: Wireless Network Security

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Module 12: Mobile Device Security

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Module 13: Internet of Things (IoT) and Operational Technology (OT) Security

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Module 14: Cryptography

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Module 15: Data Security

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Module 16: Network Troubleshooting

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Module 17: Network Traffic Monitoring

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Module 18: Network Log Monitoring and Analysis

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Module 19: Incident Response

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Module 20: Computer Forensics

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Module 21: Business Continuity and Disaster Recovery

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Module 22: Risk Management

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