

# 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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