

EC-Council Certified Cybersecurity Technician (CCT)

ID CCT **Price** CHF 4,200.—(excl. VAT) **Duration** 5 days

Who should attend

The CCT is ideal for anyone looking to start their career in cyber security or add a strong foundational understanding of the cyber security concepts and techniques required to be effective on the job. The course is especially well suited to:

- Early-career IT professionals, IT managers, career changers, and career advancers
- Students and recent graduates

- Data security controls, data backup and retention methods, and data loss prevention techniques
- Network troubleshooting, traffic and log monitoring, and analysis of suspicious traffic
- The incident handling and response process
- Computer forensics and digital evidence fundamentals, including the phases of a forensic investigation
- Concepts in business continuity and disaster recovery
- Risk management concepts, phases, and frameworks

Prerequisites

No specific prerequisites are required for the CCT certification, although previous knowledge and experience in IT and networking with a focus on cyber security can be an advantage. Candidates should have knowledge of computers and computer networks prior to entering the CCT program, although core technologies are covered in the curriculum.

Course Objectives

What will you learn in this course:

- Key concepts in cybersecurity, including information security and network security
- Information security threats, vulnerabilities, and attacks
- The different types of malware
- Identification, authentication, and authorization
- Network security controls
- Network security assessment techniques and tools (threat hunting, threat intelligence, vulnerability assessment, ethical hacking, penetration testing, configuration and asset management)
- Application security design and testing techniques
- Fundamentals of virtualization, cloud computing, and cloud security
- Wireless network fundamentals, wireless encryption, and related security measures
- Fundamentals of mobile, IoT, and OT devices and related security measures
- Cryptography and public-key infrastructure

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Training Centres worldwide



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