

EC-Council

Building A Culture Of Security

Cybersecurity Technician

CCT

Certified Cybersecurity Technician



ACE American Council on Education



ANAB ANSI National Accreditation Board

COURSE DESCRIPTION

EC-Council's Certified Cybersecurity Technician (CCT) certification goes beyond teaching fundamental cybersecurity concepts by validating students' IT and cybersecurity skills through extensive hands-on practice and assessment.

Establishing this strong technical foundation in cybersecurity lays the groundwork for a future career in a variety of existing IT roles. The knowledge and skills gained through the CCT can create pathways for further specialization in many cybersecurity domains, including ethical hacking, penetration testing, digital forensics, and application security.

With the CCT, EC-Council aims to equip entry level cybersecurity professionals with the core technical skills they need to pursue and advance in careers as cybersecurity analysts, consultants, engineers, IT administrators, and more.

WHAT'S UNIQUE ABOUT THE CCT V2?

- **In-depth technical skills** - 85 hands-on labs (3x more than most entry-level certifications).
- **Practical learning approach** - 50% of the training is focused on hands-on labs.
- **Real-world experience** - Live cyber range with skill-based objectives.
- **Broader multi-disciplinary learnings** - Covers network defense, ethical hacking, digital forensics, SOC, incident handling, risk management, threat intelligence, etc.
- **Capture-the-flag and performance-based exam** - CTF style, performance-based exam that challenges critical thinking and validates technical skills for employers.

CCT EXAM INFORMATION

EXAM TITLE: **Certified Cybersecurity Technician**

EXAM CODE: **212-82**

NUMBER OF QUESTIONS: **60**

DURATION: **3 hours**

AVAILABILITY: **EC-Council Exam Portal**

TEST FORMAT: **Multiple Choice and Real Life Hands-On Practical Exam**



CYBERSECURITY TECHNICIAN JOB DESCRIPTION

Cybersecurity technicians provide technical cybersecurity support, troubleshoot network security problems, monitor alerts, and follow relevant policies, procedures, and standards to protect organizations' information assets.

COURSE OUTLINE

- » Information Security Threats and Vulnerabilities
- » Information Security Attacks
- » Network Security Fundamentals
- » Identification, Authentication, and Authorization
- » Network Security Controls: Administrative Controls
- » Network Security Controls: Physical Controls
- » Network Security Controls: Technical Controls
- » Network Security Assessment Techniques and Tools
- » Application Security
- » Virtualization and Cloud Computing
- » Wireless Network Security
- » Mobile Device Security
- » Internet of Things (IoT) and Operational Technology (OT) Security
- » Cryptography
- » Data Security
- » Network Troubleshooting
- » Network Traffic Monitoring
- » Network Log Monitoring and Analysis
- » Incident Response
- » Computer Forensics
- » Business Continuity and Disaster Recovery
- » Risk Management



IDEAL CANDIDATES

The CCT is ideal for anyone looking to start their career in cybersecurity or add a strong foundational understanding of the cybersecurity 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



JOB ROLES

The CCT course equips participants with the skills required for the following roles:

- » IT Networking Specialist
- » Cybersecurity Technician
- » IT Manager
- » Network Administrator
- » Network Engineer
- » Security Operations Center (SOC) Analyst



FIND OUT MORE

