



EC-COUNCIL TRAINING

Certified Cybersecurity Technician (C|CT)

Master 22 core cybersecurity domains and 85 hands-on labs with the C|CT credential. Learn to defend networks, triage incidents, and assess vulnerabilities.

DURATION

40 hours (5 Days)

LEVEL

Beginner

FORMAT

Instructor-Led

- Globally Recognized Certification

- Expert-Led Hands-On Training

- Flexible Scheduling

Computer Pride | 1st Floor, ICEA Building, Kenyatta Avenue, Nairobi | www.computer-pride.co.ke

COURSE OVERVIEW

EC-Council's entry-level, hands-on cybersecurity certification validating core technical skills in network defense, ethical hacking basics, digital forensics, and security operations across 22 comprehensive modules.

Duration	40 hours (5 Days)
Level	Beginner
Vendor	EC-Council
Exam Code	212-82

WHO IS THIS FOR?

- IT Helpdesk Specialists
- Junior System Administrators
- Cybersecurity Trainees & Analysts
- Network Support Technicians

COURSE CURRICULUM

01 Information Security Threats and Vulnerabilities

- Threat Vectors
- Vulnerability Types
- Malware & Exploit Fundamentals

02 Information Security Attacks

- Social Engineering
- Phishing & Spoofing
- Network Attacks

03 Network Security Fundamentals

- OSI & TCP/IP Security
- Subnetting & Topologies
- Network Protocols

04 Identification, Authentication, and Authorization

- MFA & Biometrics
- IAM Protocols
- Access Control Models

05 Network Security Controls – Administrative Controls

- Security Policies
- SLA & Governance
- Employee Training

06 Network Security Controls – Physical Controls

- Perimeter Security
- Environmental Controls

- Physical Surveillance

07 Network Security Controls – Technical Controls

- Firewalls & IDS/IPS
- VPNs & Proxies
- Endpoint Protection

08 Network Security Assessment Techniques and Tools

- Port Scanning
- Vulnerability Scanning
- Nmap & Wireshark

09 Application Security

- OWASP Top 10
- Input Validation
- Secure Coding Principles

10 Virtualization and Cloud Computing

- Hypervisor Security
- Cloud Service Models (IaaS, PaaS, SaaS)
- Cloud Isolation

11 Wireless Network Security

- Wi-Fi Encryption (WPA2/WPA3)
- Rogue AP Detection
- Wireless Attacks

12 Mobile Device Security

- MDM & BYOD Policy
- Mobile OS Hardening
- Mobile Threats

13 IoT and OT Security

- IoT Vulnerabilities
- SCADA & ICS Protocols
- OT Security Controls

14 Cryptography

- Symmetric vs Asymmetric Encryption
- Hashing & PKI
- TLS/SSL Configuration

15 Data Security

- DLP (Data Loss Prevention)
- Data Classification
- Encryption at Rest & Motion

16 Network Troubleshooting

- Ping, Traceroute & Netstat
- DNS & DHCP Diagnostics
- Cable & Interface Triage

17 Network Traffic Monitoring

- Packet Capture Analysis
- Flow Analysis (NetFlow)

- Bandwidth & Anomaly Detection

18 Network Logs Monitoring and Analysis

- Syslog & Event Viewer
- SIEM Log Ingestion
- Log Correlation

19 Incident Response

- IR Lifecycle
- Containment Strategies
- Post-Incident Analysis

20 Computer Forensics

- Chain of Custody
- Memory & Disk Evidence
- Basic Artifact Analysis

21 Business Continuity and Disaster Recovery

- BCP vs DRP
- Backup Strategies (RTO/RPO)
- Redundancy & Failover

22 Risk Management

- Risk Identification & Assessment
- Risk Mitigation
- Compliance Frameworks

FREQUENTLY ASKED QUESTIONS

Q: How many modules are covered in the Certified Cybersecurity Technician (C|CT) course?

The official C|CT course covers 22 complete technical modules spanning network defense, ethical hacking basics, forensics, incident response, and risk management.

Q: What is the duration of the C|CT training program?

The official C|CT training program is 40 hours delivered over 5 days.

ABOUT COMPUTER PRIDE



East Africa's Premier IT Training Center

With over 15 years of excellence, Computer Pride delivers globally recognized certification programs from leading technology vendors. Located on Kenyatta Avenue in Nairobi's CBD, our state-of-the-art facilities and expert instructors have empowered thousands of professionals across East Africa.

15+

10,000+

50+

Years of Excellence

Professionals Trained

Vendor Certifications

READY TO ENROL?

Take the next step in your technology career.

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