

OVERVIEW

Certified Network Defender (CND) is a vendor-neutral, hands-on, instructor-led comprehensive network security certification training program. It is a skills-based, lab intensive program based on a job-task analysis and cybersecurity education framework by the National Initiative of Cybersecurity Education (NICE). The course has also been mapped to global job roles and to the Department of Defense (DoD) job roles for system/network administrators.

The program prepares network administrators on network security technologies and operations to attain Defense-in-Depth network security preparedness. It covers the protect, detect and respond approach to network security. The course contains hands-on labs, based on major network security tools and techniques which will provide network administrators real world expertise on current network security technologies and operations. The study-kit provides over 10 GB of network security best practices, assessments and protection tools. The kit also contains templates for various network policies and white papers for additional learning.

XTREME LABS



EC-COUNCIL CERTIFIED NETWORK DEFENDER (CND)

TARGET AUDIENCE

- Network Administrators
- Network security Administrators
- Network Security Engineer
- Network Defense Technicians
- CND Analyst
- Security Analyst
- Security Operator
- Anyone who involves in network operations

COURSE CONTENT

Module 1: Computer Network and Defense Fundamentals Response & Handling

Module 2: Network Security Threats, Vulnerabilities, and Attacks

Module 3: Network Security Controls, Protocols, and Devices

Module 4: Network Security Policy Design and Implementation

Module 5: Physical Security

Module 6: Host Security

Module 7: Secure Firewall Configuration and Management

Module 8: Secure IDS Configuration and Management

Module 9: Secure VPN Configuration and Management

Module 10: Wireless Network Defense

Module 11: Network Traffic Monitoring and Analysis

Module 12: Network Risk and Vulnerability Management

Module 13: Data Backup and Recovery

Module 14: Network Incident Response and Management