

EC Council Official Certified Network Defender (CND)

Course Code

SC109

Duration

5 Days

Format

Classroom | Classroom/Virtual |
Virtual

Overview

This is the perfect launch pad for a technical career in Cyber Security and fully prepares every delegate for the prestigious Certified Ethical Hacking (CEH) Course that comes next on the Cyber & Hacking Learning Pathways by Nemstar. The Certified Network Defender (CND) certification program focuses on creating Network Administrators who are trained on protecting, detecting and responding to the threats on modern networks.

Objectives

To equip the delegates with skills that will help to prevent successful attacks, detect those that are successful and foster a culture of resiliency and continuity of operations during attacks. The CND course prepares candidates for the EC Council CND exam, an internationally recognized cyber security certification which is included as part of the course!

Content

Network & Defence Fundamentals.

Network Security Threats

Vulnerabilities, and Attacks.

Network Security Controls & Protocols.

Network Security Policy.

Physical Security.

Host Security.

Firewall Configuration and Management.

IDS Configuration and Management.

VPN Configuration and Management.

Wireless Network defence.

Who Should Attend

Get to grips with attacks that hackers use against you and learn about the controls you can deploy to protect your systems. You will learn how to protect, detect and respond to the network attacks during this technical cyber workshop. Explore and learn about network defence, network security controls, protocols, perimeter appliances, IDS, IPS, VPN and firewalls. Deep dive into the intricacies of network traffic signature analysis as we rip apart the TCP/IP protocol stack. Learn about Business Continuity & Disaster Recovery and how to support business requirements.

Prerequisites

IT Systems administration experience, equivalent of CompTIA A+ or CompTIA Server+. Understanding of networking and TCP/IP, equivalent of CompTIA Network+. It is strongly recommended that delegates have fundamental security experience, equivalent of CISMP or CISSP.

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Network Traffic Monitoring and Analysis.

Network Risk and Vulnerability Management.

Data Backup and Recovery.

Network Incident Response and Management