

EC-Council Certified Ethical Hacker (CEH)

5 Days

CEH Version 10 will immerse the student into an interactive environment where they will be shown how to scan, test, hack and secure their own systems. The lab intensive environment gives each student in-depth knowledge and practical experience with the current essential security systems. Students will begin by understanding how perimeter defenses work and then be lead into scanning and attacking their own networks, no real network is harmed. Students then learn how intruders escalate privileges and what steps can be taken to secure a system.

Students will also learn about Intrusion Detection, Policy Creation, Social Engineering, DDoS Attacks, Buffer Overflows and Virus Creation. When a student leaves this intensive class they will have hands on understanding and experience in Ethical Hacking.

This course prepares you for EC-Council Certified Ethical Hacker (**Exam 312-50**)

Who Should Attend

This course will significantly benefit security officers, auditors, security professionals, site administrators, and anyone who is concerned about the integrity of the network infrastructure.

Certification

The Certified Ethical Hacker certification (**Exam 312-50**) will be conducted on the last day of training. Students need to pass the online Prometric exam to receive CEH certification.

Prerequisites

A foundational knowledge of computers Operating Systems and Networking protocols.

Course Outline

Module 01: Introduction to Ethical Hacking

Module 02: Footprinting and Reconnaissance

Module 03: Scanning Networks

Module 04: Enumeration

Module 05: Vulnerability Analysis

Module 06: System Hacking

Module 07: Malware Threats

Module 08: Sniffing

Module 09: Social Engineering

Module 10: Denial-of-Service

Module 11: Session Hijacking

Module 12: Evading IDS, Firewalls, and Honeypots

Module 13: Hacking Web Servers

Module 14: Hacking Web Applications

Module 15: SQL Injection

Module 16: Hacking Wireless Networks

Module 17: Hacking Mobile Platforms

Module 18: IoT Hacking

Module 19: Cloud Computing

Module 20: Cryptography