Authorized Training Center

CISCO

ORACLE APPROVED EDUCATION CENTER

Microsoft GOLD CERTIFIED Partner

Certified Ethical Hacker CEH - Version 8 Course
36 Contact Hours

Course Overview:

This class will immerse the students 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 5 day 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 Atten:

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

Exam Preparation
This course prepares you for EC-Council Certified Ethical Hacker exam 312-50
The Certified Ethical Hacker exam may be taken on the last day of the training (optional). Students need to pass the online Prometric exam to receive CEH certification.

Legal Agreement
Ethical Hacking and Countermeasures course mission is to educate, introduce and demonstrate hacking tools for penetration testing purposes only. Prior to attending this course, you will be asked to sign an agreement stating that you will not use the newly acquired skills for illegal or malicious attacks and you will not use such tools in an attempt to compromise any computer system, and to indemnify EC-Council with respect to the use or misuse of these tools, regardless of intent.

Not anyone can be a student — the Accredited Training Centers (ATC) will make sure the applicants work for legitimate companies.

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Course Outline:

CEHv8 Curriculum consists of instructor led training and self-study. The Instructor will provide the details of self-study modules to the students beginning of the class.

Module 01: Introduction to Ethical Hacking
Module 02: Footprinting and Reconnaissance
Module 03: Scanning Networks
Module 04: Enumeration
Module 05: System Hacking
Module 06: Trojans and Backdoors
Module 07: Viruses and Worms
Module 08: Sniffers
Module 09: Social Engineering
Module 10: Denial of Service
Module 11: Session Hijacking
Module 12: Hacking Webservers
Module 13: Hacking Web Applications
Module 14: SQL Injection
Module 15: Hacking Wireless Networks
Module 16: Hacking Mobile Platforms
Module 17: Evading IDS, Firewalls, and Honeypots
Module 18: Buffer Overflow
Module 19: Cryptography
Module 20: Penetration Testing