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Learning Style: Virtual Classroom

Technology: EC-Council

Difficulty: Intermediate

Course Duration: 5 Days

Certified Ethical Hacker



What's Included:

- *Official EC Council Print or e-courseware included*
- *Official EC Council Labs included*
- *EC Council Exam Voucher included*

The Certified Ethical Hacker (CEH) certification is one of the world's most recognized credentials in cybersecurity, validating your ability to think and act like a hacker - ethically. Through this CEH instructor-led course, students gain real-world skills in penetration testing, reconnaissance and scanning techniques, network vulnerability testing, and malware defense training. The program follows EC-Council's CEH framework, integrating AI-driven cyber defense concepts and advanced hacking methodologies for today's complex threat landscape.

This Certified Ethical Hacker bootcamp emphasizes hands-on cybersecurity labs that simulate real-world attack and defense scenarios. Students learn to use the same tools and techniques employed by malicious hackers, but to strengthen and secure their organizations instead. Through guided instruction, you'll build practical skills in identifying weaknesses, managing risk, and implementing robust countermeasures across diverse IT infrastructures.

The Certified Ethical Hacker certification opens doors to high-demand cybersecurity roles such as Security Analyst, Penetration Tester, and Information Security Engineer. In the United States, certified ethical hackers earn an average annual salary of around **$100,000**, with advanced professionals exceeding this benchmark based on experience and specialization.

What's New in CEH

- Certified Ethical Hacker is World's No.1 hacking certification, now with the power AI.
- Hands-on Experience
- 40% more efficiency
- Power -packed, updated curriculum
- 2x productivity gains
- Real-world skills, proven mastery

If you are even slightly confused about taking this course, know that an Ethical Hacker earns an average of $100,000 annually.

Course Objectives:

This course will teach you the following:

- Top Information Security Attack Vectors
- Information Security Threat Categories

- Types of Attacks on a System
- Hacking Concepts, Types, and Phases
- Ethical Hacking Concepts and Scope
- Enumeration Concepts
- Enumeration Pen Testing
- CEH System Hacking Steps
- Spyware
- How to Defend Against Keyloggers
- Penetration Testing

Audience:

- This course is intended for: security officers, auditors, security professionals, site administrators and anyone concerned about the integrity of their network infrastructure.

Prerequisites:

- You must have at least two years of experience in the field of information security to be able to take the CEH certification exam. The candidate must also have experience in IT in order to work professionally. For the most current requirements please check the eligibility requirements on the EC-Council website.

Course Outline:

- **Module 1: Introduction to Ethical Hacking**
- **Module 2: Footprinting and Reconnaissance**
- **Module 3: Scanning Networks**
- **Module 4: Enumeration**
- **Module 5: Vulnerability Analysis**
- **Module 6: System Hacking**
- **Module 7: Malware Threats**
- **Module 8: Sniffing**
- **Module 9: 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 & OT Hacking**
- **Module 19: Cloud Computing**
- **Module 20: Cryptography**

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