EC-Council Certified Ethical Hacker (CEH) v13

Category: Networking & Security | **Vendor:** EC-Council

Duration: 40.00 hours (5 days) **32.5 CPD Hours** **Rating:** ⭐ 4.6 (5,878 reviews)

Course Information

Delivery Format:	Instructor Led - Online
Certification:	Certified Ethical Hacker (CEH)
Related Exam:	CEH-v13

Course Overview

Certified Ethical Hackers, trained in the latest version of CEH v13, are equipped with AI-powered tools and techniques to identify, exploit, and secure vulnerabilities in systems and networks. You'll learn to leverage AI for automating threat detection, predicting security breaches, and responding swiftly to cyber incidents. Moreover, you'll also gain the skills needed to secure AI-driven technologies against potential threats. This combination of ethical hacking and AI capabilities will place you at the forefront of cybersecurity, ready to defend organizations across industries from advanced threats and adapt to evolving challenges. An Exam Voucher is included with the purchase of this course. Amplify Your Edge as a Certified Ethical Hacker Powered by AI Capabilities: Advanced Knowledge: As an AI-powered Certified Ethical Hacker, you'll possess in-depth knowledge of ethical hacking methodologies, enhanced with cutting-edge AI techniques. AI Integration: You'll effectively integrate AI across every phase of ethical hacking, from reconnaissance and scanning to gaining access, maintaining access, and covering your tracks. Automation and Efficiency: You'll leverage AI to automate tasks, boost efficiency, and detect sophisticated threats that traditional methods might overlook. Proactive Defense: With AI at your disposal, you'll be equipped for proactive threat hunting, anomaly detection, and predictive analysis to prevent cyber-attacks before they happen.

About This Course

Certified Ethical Hackers, trained in the latest version of CEH v13, are equipped with AI-powered tools and techniques to identify, exploit, and secure vulnerabilities in systems and networks. You'll learn to leverage AI for automating threat detection, predicting security breaches, and responding swiftly to cyber incidents. Moreover, you'll also gain the skills needed to secure AI-driven technologies against potential threats. This combination of ethical hacking and AI capabilities will place you at the forefront of cybersecurity, ready to defend organizations across industries from advanced threats and adapt to evolving challenges. An Exam Voucher is included with the purchase of this course. Amplify Your Edge as a Certified Ethical Hacker Powered by AI Capabilities: Advanced Knowledge: As an AI-powered Certified Ethical Hacker, you'll possess in-depth knowledge of ethical hacking methodologies, enhanced with cutting-edge AI techniques. AI Integration: You'll effectively integrate AI across every phase of ethical hacking, from reconnaissance and scanning to gaining access, maintaining access, and covering your tracks. Automation and Efficiency: You'll leverage AI to automate tasks, boost efficiency, and detect sophisticated threats that traditional methods might overlook. Proactive Defense: With AI at your disposal, you'll be equipped for proactive threat hunting, anomaly detection, and predictive analysis to prevent cyber-attacks before they happen.

Learning Outcomes

Upon successful completion of this course, participants will be able to:

Find and fix Weaknesses: Discover how hackers exploit systems and learn how to keep your data safe. Become a security expert: Master the top tools and techniques needed to strengeth your organization’s security. Protect your reputation: Learn to practivitly prevent data breaches and safeguard your customers’ trust. Master ethical hacking with AI: Leverage AI-driven techniques to enhance your ethical hacking skills and stay ahead of cyber threats.

Detailed Course Outline

1 - Introduction to Ethical Hacking

- Learn the fundamentals and key issues in information security, including the basics of ethical hacking, information security controls, relevant laws, and standard procedures.

2 - Footprinting and Reconnaissance

- Learn how to use the latest techniques and tools for footprinting and reconnaissance, a critical pre-attack phase of ethical hacking.

3 - Scanning Networks

- Learn different network scanning techniques and countermeasures.

4 - Enumeration

- Learn various enumeration techniques, including Border Gateway Protocol (BGP) and Network File Sharing (NFS) exploits and associated countermeasures.

5 - Vulnerability Analysis

- Learn how to identify security loopholes in a target organization’s network, communication infrastructure, and end systems. Different types of vulnerability assessment and vulnerability assessment tools are also included.

6 - System Hacking

- Learn about the various system hacking methodologies used to discover system and network vulnerabilities, including steganography, steganalysis attacks, and how to cover tracks.

7 - Malware Threats

- Learn about different types of malware (Trojan, viruses, worms, etc.), APT and fileless malware, malware analysis procedures, and malware countermeasures.

8 – Sniffing

- Learn about packet sniffing techniques and their uses for discovering network vulnerabilities, plus countermeasures to defend against sniffing attacks.

9 - Social Engineering

- Learn social engineering concepts and techniques, including how to identify theft attempts, audit human-level vulnerabilities, and suggest social engineering countermeasures.

10 - Denial-of-Service

- Learn about different Denial of Service (DoS) and Distributed DoS (DDoS) attack techniques, plus the tools used to audit a target and devise DoS and DDoS countermeasures and protections.

11 - Session Hijacking

- Learn the various session-hijacking techniques used to discover network-level session management, authentication, authorization, and cryptographic weaknesses and associated countermeasures.

12 - Evading IDS, Firewalls, and Honeypots

- Learn about firewalls, intrusion detection systems (IDS), and honeypot evasion techniques; the tools used to audit a network perimeter for weaknesses; and countermeasures.

13 - Hacking Web Servers

- Learn about web server attacks, including a comprehensive attack methodology used to audit vulnerabilities in web server infrastructures and countermeasures.

14 - Hacking Web Applications

- Learn about web application attacks, including a comprehensive hacking methodology for auditing vulnerabilities in web applications and countermeasures.

15 - SQL Injection

- Learn about SQL injection attack techniques, evasion techniques, and SQL injection countermeasures.

16 - Hacking Wireless Networks

- Learn about different types of encryption, threats, hacking methodologies, hacking tools, security tools, and countermeasures for wireless networks.

17 - Hacking Mobile Platforms

- Learn mobile platform attack vectors, Android and iOS hacking, mobile device management, mobile security guidelines, and security tools.

18 - IoT Hacking

- Learn different types of Internet of Things (IoT) and operational technology (OT) attacks, hacking methodologies, hacking tools, and countermeasures.

19 - Cloud Computing

- Learn different cloud computing concepts, such as container technologies and serverless computing, various cloud computing threats, attacks, hacking methodologies, and cloud security techniques and tools.

20 – Cryptography

- Learn about encryption algorithms, cryptography tools, Public Key Infrastructure (PKI), email encryption, disk encryption, cryptography attacks, and cryptanalysis tools.

□□ Certification Path

Certified Ethical Hacker (CEH)

Exam: CEH-v13

Upcoming Schedule

Available training dates for EC-Council Certified Ethical Hacker (CEH) v13:

Start Date	End Date	Location	Delivery	Price
07 Dec 2026	11 Dec 2026	Online	Virtual	€3,495.00

Frequently Asked Questions

Q: What delivery options are available for EC-Council Certified Ethical Hacker (CEH) v13?

We offer multiple delivery formats:

- Live Instructor-Led Classroom Online (Virtual/Live Online)
- Traditional Instructor-Led Classroom Training (ILT)
- On-site delivery at your offices anywhere in United Kingdom
- Private dedicated courses customized for your team

Q: What certification does this course prepare me for?

The EC-Council Certified Ethical Hacker (CEH) v13 course helps prepare you for the Certified Ethical Hacker (CEH) certification path.

Q: Which exam does this course prepare me for?

This course prepares you for the CEH-v13 official exam. You can take this exam at any exam center across United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online wherever you are located.

Q: How many CPD hours does this course provide?

The 5-day EC-Council Certified Ethical Hacker (CEH) v13 course provides up to 32.5 CPD hours of structured learning. CPD certificates can be provided upon request.

Q: What is the duration of the EC-Council Certified Ethical Hacker (CEH) v13 training?

The training takes place over 5 day(s), with each day lasting approximately 40.00 hours including breaks for lunch and refreshments.

Q: Do you provide corporate training for EC-Council Certified Ethical Hacker (CEH) v13?

Yes, we provide corporate training, dedicated training, and closed classes for EC-Council Certified Ethical Hacker (CEH) v13. Training can take place anywhere in United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online allowing teams from across United Kingdom or internationally to attend.

Q: Why choose Nexus Human for EC-Council Certified Ethical Hacker (CEH) v13?

Nexus Human is recognized as one of the leading training providers. Our trainers have won multiple awards including:

- Small Firms Best Trainer Award
- National Training Partner of the Year (Ireland) - Multiple Years
- Global Top 30 Instructor Awards (2012, 2019, 2021)
- Tech Excellence Award Nominations
- Learning Performance Institute (LPI) External Training Provider Sponsor 2024

Q: Are there any discount codes available?

Yes! Use discount code **PENPAL5** when booking your EC-Council Certified Ethical Hacker (CEH) v13 training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.

Nexus Human

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