

## **Certified Ethical Hacking (CEHv10)**

**Modality: Virtual Classroom**

**Duration: 5 Days**

**SUBSCRIPTION: Master, Master Plus**

### **About this course:**

Hackers are professionals at attacking systems and programs with weak security. In order to protect your systems from hackers, it is important that you learn the trick of the trade. The Certified Ethical Hacker program offered by us is one-of-a-kind digital course, allowing professionals in the field to utilize their skills and knowledge in an efficient manner.

This hacking is ethical because you hack your own systems to find out about weakened security points in the system so you can fix it. From problem detecting to working on security loopholes, this training program gives you in-depth knowledge shared by certified professionals. This extensive security course is designed to secure systems from hackers who are often responsible for inconsolable loss for the organization.

Instead of leaving your system and network open to such malicious threats, it is best to learn technical information through this course. Moreover, IT professionals must enroll in this course to gain access to the CHFI certification program which is based on different hacking strategies, investigative work, and much more. Some of the important areas covered in this course include virus creation and buffer overflows, DDOS Attacks, Social Engineering, and more. In short, this cyber security training program is ideal for those wanting to pass the Certified Ethical Hacking exam. Each component of the course is laid out in a manner that students can easily understand and practice the information provided. The course teaches individuals to adopt a defensive approach towards each attack or security breach.

This course revolves around thoroughly teaching the five phases of ethical hacking including gaining access, maintaining access, reconnaissance, track covering, and enumeration. Learning how to improve security of your systems by hacking into them each time is what we teach extensively in this course. After completion of this digitally advanced course, you will be able to enter the industry as an Information Security Engineer, Security Analyst, Security Consultant, IT professional, network Engineer, Penetration Tester, and many more.

If you are even slightly confused whether you should be taking this course or not, know that an Ethical Hacker earns an average of **\$100,000** annually.

### **Course Objective:**

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 who is concerned about the integrity of their network infrastructure.

## **Prerequisites:**

- You must have at least 2 years of experience in the field of Information Security to be able to give the CEH certification exam. The candidate must also have any sort of degree 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 Hacking**
- **Module 19: Cloud Computing**

- **Module 20: Cryptography**