

Certified Professional Ethical Hacker (CPEH)

Modality: Virtual Classroom

Duration: 5 Days

About the course:

In doing as such, the CPEH learner can see how malware and damaging viruses work. Likewise, the course of CPEH causes learners to figure out how to actualize counter-reaction and preventative estimates with regards to a system hack.

Salary Estimate:

The normal compensation for Certified Ethical Hacker is \$104,000 annually.

Course Objective:

In the wake of finishing this course, learners will have the ability of:

1. Have information to precisely give an account of their findings.
2. Have the information to perform moral hacking for weakness evaluations.
3. Be prepared to sit for the Exam of CPEH

Targeted Audience:

This course is designed for:

1. Information System Owners
2. Penetration Testers
3. Ethical Hackers
4. Security Officers
5. Information Owners

- 6. Cyber Security Engineers
- 7. System Owner and Managers

Prerequisites:

An interest in penetration testing and ethical hacking

Recommended prerequisites courses:

None.

Course Outline:

- **Module 1** - Security Fundamentals
- **Module 2** – Access Controls
- **Module 3** - Protocols
- **Module 4** - Cryptography
- **Module 5** - Why Vulnerability Assessments
- **Module 6** - Vulnerability Tools of the Trade
- **Module 7** - Output Analysis and Reports
- **Module 8** - Reconnaissance, Enumeration & Scanning
- **Module 9** - Gaining Access
- **Module 10** - Maintaining Access
- **Module 11** - Covering Tracks
- **Module 12** - Malware
- **Module 13** - Buffer Overflows
- **Module 14** - Password Cracking

Lab Outline

- **Lab 1** – Introduction
- **Lab 2** – Linux Fundamentals
- **Lab 3** - Information Gathering
- **Lab 4** - Enumeration
- **Lab 5** - Finding Vulnerabilities
- **Lab 6** - Network Attacks
- **Lab 7** - Windows Hacking
- **Lab 8** - Linux Hacking
- **Lab 9** - Advanced Vulnerability & Exploitation

- **Lab 10** - Hacking Web Applications & Databases
- **Lab 11** - Appendix