

Certified Ethical Hacker Course

Who we are

Techeduxon has been a platform for global online technology education since 2015. We are now taking it up a notch higher by introducing ways of advanced learning to up-skill and cross-skill your profession with cutting-edge, customized programs. With our Top Tier IT & Enterprise training Courses, We enable you to the forefront & become 'Industry Ready' in this Advancing & Unforeseen Digital World with your upskill Innovations.

Certified Ethical Hacker Course Overview

This course will provide you with the techniques which hackers use for network systems.

- Introduction to Ethical Hacking
- How to Scan Networks
- Enumeration & vulnerability analysis
- Footprint and reconnaissance
- System Hacking
- Malware Threats and Sniffing
- Denial of Service
- Social Engineering
- Session Hijacking
- Hacking web servers
- SQL Injection
- Hacking web applications, mobile platforms, wireless networks
- IOT hacking
- Cloud computing

Pre requisites

No pre requisites are required to enroll for the course.

Target audience

IT operation managers, senior system engineers, Technical support engineer, systems analyst or administrator, IT security officer, Auditor , Site Administrator, IT Security specialist.

Course Modules

Introduction to Ethical Hacking

- Hacking concepts
- Ethical hacking
- Information security threats
- Penetration testing concepts
- Information security controls

How to scan Networks

- Concepts of Network scan
- Scanning tools and techniques
- Network diagrams
- Scan pen testing

Enumeration & Vulnerability Analysis

- Enumeration concepts
- SNMP, LDAP Enumeration
- Enumeration countermeasures
- Enumeration pen testing
- SMTP enumeration
- Vulnerability assessment concepts and solutions
- Vulnerability assessment tools and reports
- Vulnerability scoring systems

Footprint and Reconnaissance

- Footprint concepts
- Website and Email footprinting
- Footprint through web services
- DNS & Network Footprint
- Footprint tools
- Footprint through social engineering
- Countermeasures
- Footprint pen testing

System Hacking

- Concepts of system hacking
- Cracking passwords & executing applications
- How to Hide files
- Penetration testing

Malware threats and sniffing

- Malware concepts and analysis
- Trojan concepts
- Countermeasures
- Malware penetration testing
- Virus and worm concepts

Denial of service (DOS)

- DOS concepts
- Botnets
- DOS techniques
- DOS Protection Tools

Social engineering

- Social engineering concepts and techniques
- Identify threats
- Countermeasures
- Social engineering penetration testing

Session Hijacking

- Session hijacking concepts and hijacking tools
- Countermeasures
- Penetration testing

Hacking web servers

- Web servers concepts
- Web server attack & attack tools
- Countermeasures
- Patch management
- Web server pen testing

SQL Injection

- Concepts of SQL injection
- SQL injection tools
- Countermeasures
- Evasion techniques

Hacking web applications, mobile platforms, wireless networks

- Web applications concepts and threats
- Web applications hacking tools
- Countermeasures
- Web application pen testing
- Web applications security testing tools
- Hacking IOS
- Mobile spyware
- Mobile pen testing

- Mobile platform attack vectors
- Mobile device management
- Wireless concepts and threats
- Wireless hacking tools
- Bluetooth hacking
- Wireless security tools

IOT hacking

- IOT attacks and concepts
- IOT Hacking tools
- IOT pen testing

Cloud Computing

- Cloud computing concepts, threats and attacks
- Cloud security and security tools
- Cloud penetration testing

Projects & Assignments

Our Expert trainers will provide the real time Projects & Assignments.

