HACKINETIX
ACADEMY
MASTERING THE CYBER FLOW

PROFESSIONAL COURSE

# Ethical Hacking Specialist

## (H|EHS)

From Networking Fundamentals to Professional Penetration Testing.



- Hands-on Labs
- Real World Projects
- Career Guidance

**LEARN**
**PRACTICE**
**ATTACK**
**DEFEND**
**GROW YOUR CAREER**

**ENROLL NOW** →

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www.hackinetix.com

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COURSE OVERVIEW

# Course Overview

Hackinetix's Introduction to the Ethical Hacking Specialist course will equip aspiring cybersecurity professionals with the skills and knowledge to identify and address computer systems and network vulnerabilities. This comprehensive program covers the fundamental and advanced concepts of ethical hacking, offering a blend of theoretical insights and hands-on experience.

**Duration**
6 Months

**Mode**
Online / Offline

**Live Classes**
+ Recorded Access

**Certification**
Hackinetix Certificate

**Level**
4 Levels · Networking to Penetration Testing

**Support**
Doubt & Lab Assistance

**Get hands-on experience with real-world scenarios and industry-relevant skills.**

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CURRICULUM HIGHLIGHTS

# What You Will Learn?

- Networking Fundamentals
- Kali Linux Essentials
- Linux Administration
- Bash Scripting
- Reconnaissance & Foot-Printing
- Network Scanning & Enumeration
- System Hacking & Password Cracking
- Malware & Social Engineering
- Web Servers & SQL Injection
- Wireless, IDS & Firewall Evasion
- Cryptography, IoT & Cyber Forensics
- Penetration Testing & Compliance

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CURRICULUM

# Detailed Course Modules

## 01 Fundamentals of Networking

4 Modules · 17 Learning Outcomes

- Concepts of Networking
- OSI Model and TCP/IP Model
- Internet Protocols
- Remote Services (Telnet and SSH)

## 02 Kali Linux Essentials

8 Modules · 46 Learning Outcomes

- Getting Started with Kali Linux
- Accessing the Command Line (CLI)
- Managing Local Users and Groups
- Controlling Access to Files and Directory
- Monitoring and Managing Linux Processes
- Debian Package Management
- Configuring Kali Linux and Securing SSH
- Bash Scripting

## 03 Ethical Hacking

17 Modules · 109 Learning Outcomes

- Introduction to Ethical Hacking and Cybersecurity
- Reconnaissance and Foot-Printing
- In-depth Network Scanning
- Enumeration User Identification
- System Hacking Password Cracking & Bypassing
- Malware Threats
- Spoofing and Sniffing
- Social Engineering
- Denial of Service DOS & DDOS Attacks
- Session Hijacking
- SQL Injection
- Hacking Web Servers Server Rooting
- Hacking Wireless Network
- Evading IDS, Firewall
- Cryptography
- Internet of Things (IoT) Hacking
- Cyber Forensics

## 04 Penetration Testing

10 Modules · 67 Learning Outcomes

- Vulnerability Management
- Scripting Basics for Pentesting
- Network Penetration Testing
- Mobile Application Penetration Testing
- Active Directory Penetration Testing
- Web Application Penetration Testing
- Metasploit
- Privilege Escalation (Windows and Linux)
- Cloud Security
- Cyber Security Compliance

INDUSTRY TOOLS

# Tools You Will Work With

### Kali Linux
Penetration testing operating system

### Nmap
Network scanning & enumeration

### Burp Suite
Web application security testing

### Metasploit
Exploitation framework

### Wireshark
Network traffic analysis

### Nessus
Vulnerability scanning

### OpenVAS
Open-source vulnerability scanning

### Qualys
Vulnerability assessment

### Aircrack-ng & Reaver
Wireless security auditing

### Other Industry Tools
Learned through guided labs

### Scripting for Security
Bash · Python · PowerShell scripting for security tasks and penetration testing

**Learn industry-standard tools through guided labs and real-world scenarios.**

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ENROLLMENT

# Who Should Enroll?

For a wide spectrum of people who want to learn more about ethical hacking or advance their careers in cybersecurity, the Ethical Hacking Specialist program is perfect. The following outlines who ought to think about signing up for this program:

- IT Professionals
- All levels of IT auditor
- Technical support engineers

## Career Opportunities

- Ethical Hacker
- Penetration Tester
- Security Analyst
- SOC Analyst
- Vulnerability Analyst
- Bug Bounty Hunter
- Red Team Professional
- Cybersecurity Consultant

### Program Eligibility Criteria and Prerequisites

- Proficiency in using computers, including installing software, managing files, and navigating graphical user interfaces, is necessary. Participants should be comfortable with using a variety of software tools and applications.
- Prior knowledge of any programming language is recommended but not mandatory.

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CERTIFICATION

# Get Certified & Advance Your Career

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## CERTIFICATE

OF COMPLETION

This is to certify that

**Your Name**

has successfully completed the

**Ethical Hacking Specialist (H|EHS)**

at Hackinetix Academy

Certificate ID: HX-EHS-0001
Date of Issue: DD / MM / YYYY

Authorized Signature
Hackinetix Academy

- **Industry Recognized Certificate**
- **Verifiable Certificate ID & QR Code**
- **Boost Your Resume & LinkedIn Profile**
- **Stand Out in Job Interviews**

## Ready to Start Your Cybersecurity Journey?

ENROLL NOW →

### Contact Us


- www.hackinetix.com
- Join Our WhatsApp Channel
- info@hackinetix.com