HACKINETIX
ACADEMY
MASTERING THE CYBER FLOW

PROFESSIONAL COURSE

Ethical Hacking Mastery

(H|EHM)

From Beginner to Professional in Ethical Hacking.



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

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COURSE OVERVIEW

Course Overview

Hackinetix's Ethical Hacking Mastery is an advanced course designed to provide comprehensive training in the art and science of ethical hacking and penetration testing. Participants will gain expertise in identifying, exploiting, and mitigating vulnerabilities in various systems, including networks, web applications, and wireless networks. The course covers key areas such as network scanning, vulnerability assessment, system exploitation, and advanced techniques for penetration testing. Through hands-on labs, real-world case studies, and practical exercises, learners will develop the skills to conduct thorough security assessments and improve organizational security postures while adhering to ethical and legal standards.

Duration
4 Months

Mode
Online / Offline

Live Classes
+ Recorded Access

Certification
Hackinetix Certificate

Level
8 Levels · Beginner to Advanced

Support
Doubt & Lab Assistance

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

CURRICULUM HIGHLIGHTS

What You Will Learn?

- Cybersecurity Fundamentals
- Risk Management & Compliance
- Web Application Security
- Cryptography & Authentication
- Threat Intelligence & VAPT
- Vulnerability Assessment & Metasploit
- Privilege Escalation & Cloud Pentesting
- Scripting: Bash, Python & PowerShell
- SOC Architecture & SIEM
- Firewalls, VPC & Cloud Auditing
- API Pentesting
- Network & Android Pentesting

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CURRICULUM

Detailed Course Modules

01 Introduction to Cybersecurity

6 Modules · 40 Learning Outcomes

- Key Elements of CyberSecurity
- Defense-In-Depth, Authentication, and Authorization
- AAA Services
- Cybersecurity Governance and Strategy
- Risk Management
- Compliance in Cybersecurity

02 Web Application Security

7 Modules · 47 Learning Outcomes

- Information Gathering
- Burp Suite for Web Security
- Top 10 Web Application Security Risks
- Identifying Unknown Vulnerabilities
- Cryptography and Authentication
- Security Misconfigurations
- Incident Response for Web Application Security

03 Threat Intelligence and VAPT

9 Modules · 54 Learning Outcomes

- Introduction to Penetration Testing & Types
- Manual and Automated Scanning
- Types of Security Vulnerability
- Malware and Its Type
- Vulnerability Assessment & Management Tools
- Using the Metasploit Framework
- Privileges Escalation on Windows and Linux
- Cloud Penetration Testing
- Threat Intelligence (Cyber Kill Chain / Diamond Model)

04 Scripting for Security

4 Modules · 30 Learning Outcomes

- Scripting for Security with Bash
- Scripting for Security with Python
- Scripting for Security with PowerShell Scripting
- Penetration Testing with Scripts

CURRICULUM

Detailed Course Modules

Continued

05 Security Operations Architecture and Detection

7 Modules · 53 Learning Outcomes

- Network Architecture Design
- Virtual Private Cloud (VPC)
- Firewall Configuration
- Proxies, Remote Access, VPN
- Cloud Infrastructure Auditing
- Security Information Event Management (SIEM)
- Cryptography

06 API Pentesting

6 Modules · 43 Learning Outcomes

- Fundamentals of API
- Monolithic Architecture & Microservices Architecture
- Tools in API Security
- Testing on Live API
- Difference Between REST and SOAP
- Exploiting an API Endpoint Using Documentation

07 Network Penetration Testing

4 Modules · 25 Learning Outcomes

- Introduction to Network Penetration Testing
- Wireless Network Penetration Testing
- Advanced Network Pentesting Techniques
- Reporting and Documentation

08 Android Penetration Testing

3 Modules · 18 Learning Outcomes

- Introduction to Android Penetration Testing
- Android App Penetration Testing Methodology
- DEX File Analysis

INDUSTRY TOOLS

Tools You Will Work With

Burp Suite
Web & API security testing

OWASP ZAP
Web vulnerability scanning

Metasploit Framework
Exploitation framework

Nmap
Network scanning & enumeration

Wireshark
Network traffic analysis

Postman
API security testing

Frida & MobSF
Android application security analysis

Bash, Python & PowerShell
Scripting for security

SIEM & Firewall Tools
Security operations & monitoring

AWS, Azure & GCP
Cloud security & penetration testing

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

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ENROLLMENT

Who Should Enroll?

The Ethical Hacking Mastery program is designed for individuals interested in advanced cybersecurity skills and careers in ethical hacking and penetration testing. Here's a detailed breakdown of who should consider enrolling:

- **IT and Security Professionals**
- **Cybersecurity Specialists**
- **Students and Recent Graduates**

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

- **Basic Understanding:** Familiarity with basic networking concepts and operating systems (Windows and Linux) is important.
- **Networking Concepts:** Understanding of fundamental networking concepts, including IP addressing, network topologies, and common protocols (e.g., TCP/IP, HTTP, DNS).
- **Windows and Linux:** Basic knowledge of navigating and using Windows and Linux operating systems.
- **Security Basics:** Basic knowledge of cybersecurity principles, including common threats, vulnerabilities, and protective measures.

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CERTIFICATION

Get Certified & Advance Your Career



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

Ready to Start Your Cybersecurity Journey?

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Contact Us

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- Join Our WhatsApp Channel
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