HACKINETIX
ACADEMY
MASTERING THE CYBER FLOW

PROFESSIONAL COURSE

Ethical Hacking Expert

(H|EHE)

Advanced skills to identify, exploit and mitigate vulnerabilities in systems, networks and applications.



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

LEARN
PRACTICE
ATTACK
DEFEND
GROW YOUR CAREER

ENROLL NOW →

Join Our WhatsApp Channel

www.hackinetix.com

HACKINETIX ACADEMY
MASTERING THE CYBER FLOW

COURSE OVERVIEW

Course Overview

The Ethical Hacking Expert course is a comprehensive program designed to equip learners with advanced skills to identify, exploit, and mitigate vulnerabilities in systems, networks, and applications. This course delves into the methodologies and tools used by ethical hackers to simulate cyberattacks and strengthen an organization's security posture.

Duration
200 Hours

Mode
Online / Offline

Live Classes
+ Recorded Access

Certification
Hackinetix Certificate

Level
11 Levels · Fundamentals to Specializations

Support
Doubt & Lab Assistance

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

CURRICULUM HIGHLIGHTS

What You Will Learn?

- Cybersecurity Fundamentals
- Advanced Penetration Testing
- Web Application Security
- Bug Bounty Hunting
- Cyber Forensics Investigation
- Mobile Application Pentesting
- Exploit Development
- Malware Analysis
- SoC Analysis
- Threat Intelligence
- Python for Security
- AI in Cybersecurity

CURRICULUM

Detailed Course Modules

01 Cybersecurity Fundamentals

5 Modules · 20 Learning Outcomes · 6 Days · 10 Hours

- Introduction to Cybersecurity
- Common Cyber Threats and Attacks
- Cybersecurity Frameworks and Standards
- Risk Management and Threat Modelling
- Emerging Trends and Future of Cybersecurity

02 Advanced Penetration Testing

6 Modules · 20 Learning Outcomes · 12 Days · 24 Hours

- Advanced Information Gathering Using OSINT
- Advanced Exploitation Techniques
- Privilege Escalation and Post Exploitation Techniques
- Exploiting Enterprise Systems
- Red Team Operations
- Advanced Social Engineering

03 Web Application Security & Bug Bounty Hunting

9 Modules · 49 Learning Outcomes · 12 Days · 24 Hours

- Techniques for Testing Web Applications
- Essential Reconnaissance Methods for Bug Hunters
- Web Application Firewalls and Security Tools
- Input Validation and Injection Attacks
- Client-Side Attacks
- Server-Side Attacks
- Secure Data Transmission and Storage
- API Security
- Secure Development Practices

04 Cyber Forensics Investigation

6 Modules · 25 Learning Outcomes · 8 Days · 16 Hours

- Introduction to Cyber Forensics
- Evidence Collection and Preservation
- File System Forensics
- Network Forensics
- Windows Forensics
- Advanced Topics in Cyber Forensics

CURRICULUM

Detailed Course Modules

Continued

05 Mobile Application Pentesting & Bug Bounty Hunting

5 Modules · 19 Learning Outcomes · 10 Days · 10 Hours

- Android Bug Bounty Hunting and Pentesting Approach
- Android Application Attack Surface
- Android Application Security Testing Lab Environment
- Security Analysis of Android Application Source Code
- Exploiting Common Vulnerabilities in Android

06 Exploit Development

6 Modules · 26 Learning Outcomes · 13 Days · 26 Hours

- Introduction to Exploit Development
- Understanding System Architecture & Memory
- Binary & Assembly Fundamentals
- Tools for Analysis and Debugging
- Stack-Based Buffer Overflow
- Exploit Development Tools & Automation

07 Malware Analysis

5 Modules · 25 Learning Outcomes · 10 Days · 20 Hours

- Intro to Malware Analysis
- Static Malware Analysis
- Dynamic Malware Analysis
- IOC Extraction, Detection & Reporting
- Host-Based Evasions

08 SoC Analysis

4 Modules · 18 Learning Outcomes · 8 Days · 10 Hours

- Introduction to Security Operations Center (SoC)
- SoC Technologies and Tools
- Threat Detection and Monitoring
- Compliance and Regulatory Considerations in SoC Operations

CURRICULUM

Detailed Course Modules

Continued

09 Threat Intelligence

4 Modules · 17 Learning Outcomes · 8 Days · 10 Hours

- Introduction to Threat Intelligence
- Threat Actors, TTPs, and Threat Taxonomies
- Data Collection and Sources of Threat Intelligence
- Threat Intelligence Frameworks and Standards

10 Python for Security

5 Modules · 19 Learning Outcomes · 10 Days · 20 Hours

- Python Fundamentals for Security Applications
- Network Security with Python
- Web Security Testing with Python
- Python for Cryptography
- Real Scripts for Pentesting

11 AI in Cybersecurity

4 Modules · 19 Learning Outcomes · 4 Days · 8 Hours

- Introduction to AI and Machine Learning in Cybersecurity
- Fundamentals of Machine Learning for Cybersecurity
- AI for Threat Detection and Prevention
- Future of AI in Cybersecurity

INDUSTRY TOOLS

Tools You Will Work With

Burp Suite & OWASP ZAP
Web application security testing

Metasploit
Exploitation framework

Wireshark & NetFlow
Network traffic analysis

EnCase, FTK & Autopsy
Digital forensics tools

Splunk, IBM QRadar & AlienVault
SoC monitoring & SIEM

x64dbg, OllyDbg, IDA Free & Ghidra
Debugging & reverse engineering

YARA & MISP
Malware detection & IOC sharing

Scapy, Paramiko & Requests
Python libraries for security

MITRE ATT&CK
Threat intelligence framework

Bug Bounty Platforms
HackerOne & Bugcrowd

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

ENROLLMENT

Who Should Enroll?

The Ethical Hacking Expert program is designed for individuals interested in advanced cybersecurity skills and ethical hacking and penetration testing careers. 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

- Educational Background (Preferred but not mandatory)
- No specific work experience is mandatory, but familiarity with IT systems, networking, or cybersecurity is advantageous.

HACKINETIX ACADEMY
MASTERING THE CYBER FLOW

CERTIFICATION

Get Certified & Advance Your Career

HACKINETIX ACADEMY
MASTERING THE CYBER FLOW

CERTIFICATE

OF COMPLETION

This is to certify that

Your Name

has successfully completed the

Ethical Hacking Expert (H|EHE)

at Hackinetix Academy

Certificate ID: HX-EHE-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