ETHICAL HACKING

COURSE

ONLINE TRAINING

Who Can Learn **Ethical Hacking?**

Learning Ethical Hacking becomes easier for you with proper guidance & advanced projects by Cyberblockz cybersecurity expert trainers. You can acquire this skill if you are:

College Student

Start shaping your career right from
college time by learning in demand ethical hacking skills.

Graduate

Time for you to upskill, prepare yourself for a bright future, and kickstart a career in cyber security.

College Dropout

Not sure which career is right for you? Not finding any jobs?
Learn ethical hacking with us to instantly land your first job.

Looking to Switch Career

Not satisfied with your current job profile? Switch to ethical hacking, one of the most demanded and highly-paid skills.

Why Learn **Ethical Hacking With Cyber Blockz** Only?

Trusted by **1.5+ Lakhs** Learners

We are the #1 preference of more than 1 lakh learners in Telangana. Our training quality and support system intrigue learners.

Completely **Practical-Oriented**

Ethical Hacking is a skill that requires immense practice. For that, we offer 100% practical training with regular assignments, assessments, and projects.

Online Learning

We offer flexible timings and also we have weekend batches to fulfill the working people timings who are interested in learning Cybersecurity.

Comprehensive **Curriculum**

The ethical hacking course by cyberblockz includes India's most comprehensive curriculum, covering all breadths and depths in detail & practically.

Job Assistance

On course completion, we assist you with job interviews and resume building. Next, your interviews are arranged with top companies to help you land the job easily.

Expert Trainers

You will learn ethical hacking from expert trainers having 6+ years of experience in the field. We ensure high-quality training always.

Industry-Recognized Certification

The certificate you receive on course completion is valid nationally and internationally. You can easily share it, add it to your resume, and explore great opportunities.

Hands-On Live Projects

You will apply all the practices on real websites (no dummies), do everything on your own, and make use of premium tools.

Ethical Hacking

Course Curriculum

Master all Concepts of Ethical Hacking!

Module 01

NETWORKING CONCEPTS

- What is Computer Networking? How does Networking Work?
- Types of Networks What is IP Address? IPv4 vs IPv6
- Types of IP Address
- Introduction to MAC Address?
- Role of Ports in Networking
- Introduction to Router and its elements.
- What is OSI Model and How does It Work?
- What is TCP/IP Model and How does It Work?
- OSI vs TCP/IP Model
- What are Network Protocols? Types of Protocols
- How does TCP Work? TCP vs UDP
- What is Domain Name? What is DNS?
- DNS Records and Their Uses What is Zone File?
- What is HTML Request? What is HTML Response? Types of Request Methods Capturing and Analysing Network Packets (Wireshark)

Module 02

INTRODUCTION TO ETHICAL HACKING

- What is Ethical Hacking? Types of Hackers
- Types of Attacks on a System Cybersecurity Laws
- What is Linux?
- Cool Features of Linux
- Basic File System of Linux
- Basic Linux Commands (Practical)
- Advance Linux Commands (Practical)

Module 03

SETTING UP ETHICAL HACKING LAB

- Installing Kali Linux in Virtual Box Configuring Kali Linux
- Downloading a Good Wordlist
- Installing Burp Suite Pro
- Installing Nesus
- And different tools with there Modules..

Module 04

FOOTPRINTING AND RECONNAISSANCE

- What are Footprinting and Reconnaissance?
- Types of Footprinting & Reconnaissance
- Use of Footprinting & Reconnaissance
- Footprinting Through Search Engines
- Footprinting using Advanced Google Hacking Techniques
- Footprinting Through Social Networking Sites
- Website Footprinting (Netcraft, Wappalyzer)
- Email Footprinting (Email tracker pro)
- DNS Footprinting (DNSenum, DNS Lookup, MX Lookup, NS Lookup)
- WHOIS Footprinting
- Footprinting Through OSINT Framework
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Module 05

SCANNING NETWORKS (Ping, Nmap, Zenmap, Messcan, armitage,hping3)

- What is Network Scanning?
- Network Scanning Methodology
- Types of Network Scans
- Checking for Live Systems and Buffer Size
- Checking for Open Ports
- Checking for Services on Ports
- Checking for Software with versions
- OS Fingerprinting & Banner Grabbing Countermeasures
- Saving xml report for Metasploit & Conversion

Course Curriculum

Module 06
ENUMERATION

(Nmap, MSF, Armitage, NetCat)

- What is Enumeration?
- Types of Enumeration
- Default Ports
- How to Enumerate NetBIOS?
- How to Enumerate SNMP?
- How to Enumerate SMTP?
- How to Enumerate NFS?
- How to Enumerate DNS?
- How to Enumerate all Services?
- Countermeasures

Module 07
VULNERABILITY ASSESSMENT

- What is Vulnerability Assessment?
- Classification of Vulnerability
- Vulnerability Assessment Lifecycle
- Vulnerability Assessment Solutions
- Vulnerability Scoring Systems
- Scanning for Vulnerability in Nmap scans result (MSF, Exploit DB, Armitage)
- Vulnerability Scanning - ZAP (OWASP)

Module 08
Being Anonymous

- Understanding layers of Internet (Deep, Dark, Surface & Hidden Web)
- Changing User Agent (Random User Agent Switcher)
- Changing MAC Address (Macchanger)
- Auto Run Shell Script (MAC Changer)
- Changing Wi-Fi MAC Address
- Configuring Proxy (Mannual and tor proxy)
- Configuring VPN (Free VPN)
- Who is best for IP Anonymous?
- Anonymous Configuration in Linux
- Accessing Dark Web (Tor Browser)
- Creating Dark Web Website (tor Server)

Module 09
SYSTEM HACKING

- What is System Hacking?
- System Hacking Methodology
- Cracking Windows Password (Pwdump, ophcrack, lophcrack)
- Creating a Good Password list (crunch)
- Escalate Privileges in Linux
- Escalate Privileges in Windows OS
- System Hacking using URL(Camera, Location, Passwords and more)
- URL Masking
- System Hacking using Open Ports (nmap, NetCat, MSF, Armitage, Exploit DB)
- System Hacking using NetCat
- What is Steganography?
- Types of Steganography
- Steganography Practical (Open Stego)

Module 10
MALWARE THREATS

- What is Malware?
- Example of Malware
- What is Trojan?
- What are Viruses and Worms?
- Types of Malware Analysis
- Static Malware Analysis
- Dynamic Malware Analysis
- How to Create RAT Trojan? (HTTP, RAT)
- Creating Payloads (MSF)
- Creating Undetectable Payloads

Course Curriculum

Module 11 SNIFFING

(Ettercap, macoff, yersinya, Wireshark, TCPDUMP)

- What is Sniffing?
- How an Attacker Hacks the Network Using
- Sniffers?
- Active Scanning Techniques
- Types of Sniffing
- Protocols Vulnerable to Sniffing
- MAC Spoofing
- MAC Flooding
- DHCP Flooding
- Setup DHCP Rouge (MITM Attack)
- Sniffing with Wireshark

Module 12

SOCIAL ENGINEERING

- What is Social Engineering? Types of
- Social Engineering Human-based
- Social Engineering Computer-based
- Social Engineering Mobile-based
- Social Engineering Social Engineering
- Using SET

Module 13

DOS & DDOS ATTACKS

- What is DoS Attack?
- What is DDoS Attack?
- Basic Categories of DoS/DDoS
- Attack Vectors
- DoS in Networking (hping3, MSF, yersiniya)
- DoS in Websites
- DoS using Programs and Commands (CPU and Memory Utilisations)

Module 14

SESSION HIJACKING

- What is Session Hijacking?
- Why is Session Hijacking Successful?
- Session Hijacking Process
- Types of session Hijacking
- Performing Session Hijacking(Burp Suite Professional, Ettercap)

Module 15

HACKING WEB SERVERS & WEB APPS

- What is Web Server? Web Server Attacks
- Web Server Attack Methodology Web
- Application Concepts Web Application
- Hacking Methodology

Course Curriculum

Module 16

HACKING WIRELESS NETWORKS

- What is Wireless Networking?
- Types of Wireless Encryption
- Types of Wireless Threats
- Wireless Hacking Methodology
- Complete Hacking WEP (WI-FI)
- Basic to Advanced Hacking WPA/WPA2 (air packages)
  How to Jam Wi-Fi?

Module 18

CRYPTOGRAPHY

- What is Cryptography?
- Difference Between Encoding, Hashing & Cryptography
- Types of Cryptography
- How it works?
- Cryptography tools
- Hashing Tools
- Encoding Tools

Module 19

System Security using firewall, WAF and antivirus

- All about firewalls
- GUI Windows Firewall configuration
- GUI Linux Firewall configuration
- WAF in Linux Config – MOD

Module 20

Job Assistance and Career Counselling

- Improve your Linkdin Profile How to create
- a good resume Demo Interview
- preparation how to select a domain in
- Cyber Security Sources to get good
- Knowledge

Our Students Speak for Us!

VENKATA SAI

Perfect course for beginners who want to start their journey in the cyber field Everything is explained so clearly, with examples that make it easy to understand. Even if you don't have any background knowledge, you can easily follow. It's very helpful and Definitely worth it!

★★★★★

Naveen Kumar

The course was amazing, and I genuinely enjoyed every bit of it. The way you explained everything was so clear and easy to understand. Your teaching style is excellent, and it made even the tough concepts feel simple. I learned so much, Truly grateful for the effort you put into teaching us so well!

THONDAMANATI CHARAN

I'm so happy I joined this course. Can't thank you enough! I missed a few live classes, but they gave me the recordings and cleared all my doubts in the next classes.

Mohammed Abbas

"This course is fantastic for beginners and professionals alike. The hands-on labs and real-world scenarios made learning practical and engaging. The instructors were knowledgeable and supportive, especially in modules like ethical hacking and bug bounties. I feel much more confident about my cybersecurity skills now!"

Kamma Harideep

"I would like to thank the trainer Pranay and Cyber Blockz for the enhanced training provided during the entire course. The trainer has brilliant knowledge. The course content covers beginner to pro. Also, sir is a good motivator and friendly person."

GOPALA KRUSHNA

"The trainer here makes the content easy to learn and answers all the questions during the classes. I learned a lot of important concepts which looked so complex to me when I started. I recom- mend this course to any- one who wants to learn ethical hacking."

Take Your Career's Most Important Step Today

Towards Building a Thriving Career in **Cybersecurity**!

- **Course Duration:** **100+ hours**
- **Fees:** what's app us for fee details as we offer varied discounts

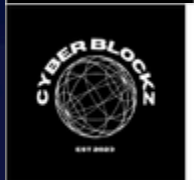**whats app to Book 1-Day of Demo Class: +91 8074557618**

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