



**Certified** career



# Ethical Hacking Course Curriculum





# Mission

To kickstart your Career in Cyber Security.

# Description

Have you ever Thought exactly how hackers 'hack'? Do words like firewalls, encryption, malware sound confusing to you? Have you been looking for a course that teaches you all the basics of both information and cyber security in a really interesting way. If so then you are going to find this course absolutely perfect for you.

It is also ideal for students who just want to have a well rounded knowledge about the basic concepts used in the world of information security. From this course you will get to know each concept so that you can learn it in a better way.

**Ethical Hacking**

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# Skills You Will Learn

NMAP , Operating System , Networking , Wireshark , OSI Model , TCPDump , Wireless Cracking , BurpSuite , MITM , OWASP Top 10 , Metasploit Framework etc

Estimated Time	Modules	Project or Target	Learning Outcome
Day 1 & 2	<b>Module 1</b> Kali OS, Basics: How Internet works (HTTP, Protocols, IP/MAC/PORTS, Packets, Router/VPN, SSL Layer)	New OS Installation	Sound Linux System knowledge
Day 3 & 4	<b>Module 2</b> Terminologies: OWASP, Payloads, Injection, Backdoors, Trojan, Virus, Magic of Terminal, Terminal Commands	Terminal Tricks Making 100 folders using single command	Terminal Working
Day 5 & 6	<b>Module 3</b> Networking, Basics : Commands, Interfaces, Monitoring Mode, Packet Capturing, OSI Layer. Analyse: Wireshark, TCPDump, Sniffing, Public VS Private. Exploitation : Cracking WEP/WPA/WPA 2	1.Finding information from packets files. 2. Cracking OPEN Networks. 3. Cracking WEP Networks 4. Blocking Internet	Wifi Cracking, Sound Networking Skills, Network Analyse
Day 7 & 8			
Day 9 & 10			
Day 11 & 12	<b>Module 4</b> Web, Information Gathering : Domains, SubDomains, IP/Address, Open Ports, Services, BurpSuite, OWASP : FROM (XSS to CSRF all)	1.Getting Information about various targets. 2.Trying Hunting Bugs in Websites.	Can start BUG BOUNTY HUNTING
Day 13 & 14			
Day 15 & 16			
Day 17 & 18	<b>Module 5</b> MITM & NMAP Metasploit Framework	1.Performing MITM. 2.Getting Network Information. 3.Hacking Android Phone	Man in the Middle Attack Metasploit Framework
Day 19 & 20			

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