Cyber Hunterz
Art of Being Secure

Information Security Training & Certification

DIPLOMA
In Cyber Security

1 YEAR

Learn Ethical hacking and Cyber Security with real Time hands-on practical on live targets in guidance of most experienced and certified mentors of cyber hunterz

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Level 1
NETWORKING

- Module 01 : Introduction to Networking
- Module 02 : Networking Fundamentals
- Module 03 : OSI Model
- Module 04 : TCP/IP Model
- Module 05 : Concept of Layers
- Module 06 : Lab Configuration
- Module 07 : Network Devices Fundamentals
- Module 08 : Internet Protocols
- Module 09 : Difference between IPv4 & IPv6
- Module 10 : Subnetting
- Module 11 : Router Fundamentals
- Module 12 : Routing Protocols
- Module 13 : WAN Protocols
- Module 14 : PPP/ NAT & NAT PAT
- Module 15 : SSH
- Module 16 : DHCP
- Module 17 : BGP

Level 2
ETHICAL HACKING

- Module 01 : Ethical Hacking Introduction
- Module 02 : Building Custom lab for hacking
- Module 03 : Reconnaissance
- Module 04 : Scanning
- Module 05 : System Hacking
- Module 06 : Malware Generation And analysis
- Module 07 : Trojans and Ransomwares
- Module 08 : Bots and Botnets
- Module 09 : MITM with Kali Linux
- Module 10 : MITM with windows
- Module 11 : Email security
- Module 12 : Social Engineering tools and Technique
- Module 13 : Open source for social engineering
- Module 14 : Denial of service
- Module 15 : Basics of Web App Security
- Module 14 : Denial of service
- Module 15 : Basics of Web App Security
- Module 16 : Mastering session hijacking
- Module 17 : SQL Injection Manual Testing
- Module 18 : SQL Injection Automated Tool Based Testing
- Module 19 : Bypassing firewall in sql injection
- Module 20 : Web servers hacking
- Module 21 : Hacking wireless networks
- Module 22 : Evading IDS, Firewalls, Honey pots
- Module 23 : Buffer Overflow
- Module 24 : Cryptography
- Module 25 : Mobile hacking
- Module 26 : Carrier in Information security as Ethical hacker

Level 3
PENETRATION TESTING

- Module 01 : Introduction to penetration testing
- Module 02 : Scoping your penetration testing
- Module 03 : Network and web application scanning techniques
- Module 04 : Advance social engineering offensive methodology and email security
- Module 05 : In-depth password attacks
- Module 06 : System & network exploitation
- Module 07 : Wireless and browser exploitation
- Module 08 : Web application penetration testing
- Module 09 : CTF of a vulnerable machine
- Module 10 : Report generation best practices

Level 4
WEB APPLICATION SECURITY EXPERT

- Module 01 : Introduction to application security
- Module 02 : OWASP Top 10
- Module 03 : Modern Attacks of Web Application
- Module 04 : Automated approach of Vulnerability Assessment
- Module 05 : API security Testing
- Module 06 : Mitigation Strategy for Web Application loopholes
- Module 07 : Cloud Introduction
- Module 08 : Cloud Migration Challenges
- Module 09 : Cloud Infrastructure Security
- Module 10 : Cloud Data Security
- Module 11 : Identity and Access Management
- Module 12 : Cloud Application Security
- Module 13 : Cloud Compliance, Policy, Governance
- Module 14 : Cloud Incident Response & Intrusion Detection & BCP/DR

Level 5
MOBILE-APPLICATION PENETRATION TESTING

- Android architecture and permisstion model
- Android app components
- Android Debug Bridge (ADB)
- Setting up an testing lab
- Reversing application using (jadx,apktool,dex2jar)
- Application vulnerabilities:
- Insecure logging
- Leaking content provider
- Insecure data storage
- Client side injection (sqli)
- API hooking
- Dos
- Pentesting DIVA
- Drozer
- MobSF

Level 6
BUG BOUNTY HUNTING

- XSS
- Host Header
- Url Redirection
- Command Injection
- Critical File Found
- FIle Inclusion
- Source Code Disclosure
- File Upload
- Parameter Tampering
- Spf
- SQL
- No Rate limiting
- Long Password Dos
- IDOR
- Joomla Security Vulnerabilities
- Account Lockout
- Apache http Server Byte Range DOS
- Apache Struts RCE Hunting
- Application Server Vulnerabilities
- Authentication Testing
- Web Cache Deception Attack
- Webmin Unauthentic RCE
- WordPress Security testing
- Application Logic Vulnerabilities
- Broken AUthentication
- Browser Cache Weakness
- Cache Testing
- CAPTCHA Security Testing
- Code Injection
- Cookies Testing
- CORS
- CRLF Injection
- CSS Injection
- DANGEROUS HTTP Methods
- Testing For Default Configuration
- Directory Lisitng Testing
- DOM Clobbering
- HTTP Parameter Pollution
- Identity Management Testing
- LDAP Injection

- Blind XSS
- Buffer Overflow
- CMS Hunting
- Compherensive Command Injection
- Cryptographic Vulnerabilities
- CSRF
- Drupal Security Vulnerabilities
- Account takeover Through Support Service
- Exposed Source Control
- Extraction Information And Geo Location Through Uploaded Images
- Heartbleed
- HSTS
- HTTPOXY Attack
- Identity Management Testing
- Advanced Indirect object Refrence
- Multi Factor Authentication (2FA) Security Testing
- Password Reset Poisoning
- Server side injection (SSI)
- Session Fixiation
- Shell Shock RCE Testing
- SSRF
- Testing For Session Management
- Ticket Security Testing
- LOG Injectic
- Null Byte Inj
- Oauth Secru
- Open Redire
- Web Application Firewall Testing
- Parameter Modification Testing
- PHP Object Injection
- RACE Condition Vulnerability
- Relative Path Overview
- Blended Code Injection
- Http Headers Testing
- SSL Security Testing
- SSTI Testing
- Template Injection
- Virutal host Misconfiguration
- Vulnerable Remember Me Testing
- Weak Password reset
- Web Application Firewall Testing
- XML Quadratic Blowup
- XML RPC Pingback
- XXE Injection
- Advanced Training About Burpsuite

Level 7
DIGITAL FORENSICS

- Introduction of CHFI
- Computer Forensics
- Investigation Proccess
  Searching and Seizing
- Digital Evidence
- First Responder Procedures
- Understanding CHFI Lab
- Understanding File systems HDD and Windows
- Windows os Forensics
- Data Acquisition and Duplication
  (TOOLS: FTK Imager EnCase)
- Data Recovering
- Steganography Image forensics
- Password Cracking
- Emails Investigation
- Logs Analysis
- Web Attack Investigation
- Mobile Forensics
- Data Analysis With (Autopsy)
- Investigation Report

Level 8
PYTHON PROGRAMING

- PYTHON AN OVERVIEW
- PYTHON VARIABLES & DATA TYPES
- OPERATORS
- PYTHON CONDITIONAL STATEMENTS
- PYTHON LOOPING CONCEPT
- PYTHON CONTROL STATEMENTS
- PYTHON DATA TYPE CASTING
- PYTHON NUMBER
- PYTHON STRING
- PYTHON LIST
- PYTHON TUPLE
- PYTHON DICTIONARY
- PYTHON SETS
- PYTHON SYS MODULE
- PYTHON OS MODULE
- PYTHON FUNCTION
- MODULE
- FILE HANDLING (INPUT / OUTPUT)
- EXCEPTION HANDLING
- OOPS CONCEPTS
- MULTITHREADING
- PYTHON MAIL SENDING
- REGULAR EXPRESSION
- PYTHON WEB SCRAPING
- PYTHON DATA SCIENCE
- INTRODUCTION WITH PYTHON MACHINE LEARNING

Level 9
MALWARE ANALYSIS

- Introduction
- Everything you need to know
- Types of Malware
- Methodology of Malware
- Setting Up Lab
- Dynamic Malware Analysis
- All about debuggers
- Static Malware Analysis

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