

Ethical Hacking Live Workshop Syllabus

We will be covering Phase 1 out of Phase 3 of 10X Cyber Warrior Program

Phase 1: Covers 4 Level, they are:

[Level 1: Cybersecurity Basics](#)

[Level 2: Ethical Hacking Principles](#)

[Level 3: Tools and Techniques](#)

[Level 4: Practice Environment Setup for Hacking Practical](#)

Full Syllabus

Level 1: Cybersecurity Basics

- Module 1: Introduction to Ethical Hacking
- Module 2: What is Ethical Hacking?
- Module 3: Types of Ethical Hacker's
- Module 4: Scope of Ethical hacking in Job Market and salary
- Module 5: How can earn money via learning Ethical Hacking
- Module 6: Ethical Hacking vs Cyber Security

Level 2: Ethical Hacking Principles

- Module 7: Concept of Penetration Testing
- Module 8: Legal requirements of conducting Ethical Hacking
- Module 9: Why do companies need ethical hackers and future demands
- Module 20: Responsible disclosure policies
- Module 11: Scope of Ethical Hacking
 - Job Work
 - Freelancing
 - Ethical Hacker as Bug Bounty Hunters

Case Study: Why I choose Ethical Hacking over IT Job

Level 3: Tools and Techniques

- Module 12: Ethical Hacking Framework or Procedure
- Module 13: Phases of Ethical Hacking
- Module 14: Demanding Branches of Ethical Hacking
 - Application Security/Bug Hunting
 - Network Security
 - OSINT
- Module 15: Powerful tools of Ethical Hacking with guided instruction.

This modules covers the following Practical sessions on:

With practical we will also understand how these techniques are mapped with real life scenarios or job profiles

Black Hat Hacking Techniques

- CCTV Hacking
- System Hacking
- Password Hacking
- Hacker's database
- Google Hacking
- Leaked credentials usage in hacking

Breached Database Hacking

- OSINT Fundamentals
- Breached database usage
- Tailored hacking approach using online information and leaked databases

Social Media Accounts Hacking

- Instagram hacking
- Facebook hacking
- Professional phishing approach to hack social media accounts

Bug hunting and website hacking

- Introduction to Bug Hunting
- Why this is in demand?
- Approach and target finalization for bug hunters
- Live bug hunting/website hacking demonstrations

Level 4 : Practice Environment Setup for Hacking Practical

- Module 16: Introduction to Virtualization and Cloud Hacking Concepts
- Module 17: Lab Environment for Hacker
- Module 18: Practise lab environment

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