IEM LABS.

COURSE
BROCHURE

Certified Ethical Hacking Professional | CEHP

Introduction to the Course

Ethical Hacking is something we hear in increasing frequency nowadays. With the development of technology, data breach and hacking are the most common terms we hear today. But an **Ethical Hacker** is much more important than their less - principled counterparts. An **Ethical Hacker** is a person who penetrates a network to check for vulnerabilities.

This type of services provided by **Ethical Hackers** are known as **Vulnerability Assessment & Penetration Testing | VAPT** services. The student will be trained by field professionals who have been working as an **Ethical Hacker / Cyber Security Analyst** for the last 8 -10 years. In the last few years security of a software product has increased by almost ten-fold.

Being an **Ethical Hacker / Cyber Security Analyst,** the student can get jobs in many prestigious MNCs as **Security Analyst** who points out all the vulnerabilities in the infrastructure and points out how to resolve them. You shall be trained in various methods of hacking into a system.

Main areas to be covered in this course: -

- **Network Security**
- **Web Application Security**
- **Android Application Security**
- **Internet of Things (IOT) Security**

Why to choose IEMLabs?

What makes this course much more exciting is that we provide **hands - on training** procedure through projects and practical based classes throughout the entire curriculum of the course.

We at **IEMLabs** provide both **Online** (through platforms like "*Google Hangout Meet*", "*Go to Meeting*", "*Zoom", etc)* and **Offline** mode classes. The most beneficial point for a student to get trained by **IEMLabs** is "**One Year Lab Access**", i.e. every student from the date of admission will have access to our "**Online Virtual Lab**" for practising and getting all notes, pre-recorded videos and tools according to their course for one year absolutely free of cost.

About the Course

Course Type - **Basic**

Eligibility Criteria: -

- **Knowledge of networking and web development.**
- **Minimum System Configuration Required: -**
  - o **Intel i5 processor**
  - o **8gb Ram**
  - o **1tb Hard disk**

Batch Size - **5 students maximum**.

Course Duration - **40 hours** i.e. **2 classes every week**.

Course Fee: -

- **Online: 13000 INR + 18% GST**
- **Offline: 12000 INR + 18% GST**

Training Location: -

- **Offline - Kolkata**
- **Online - Any**

Gradation System of IEMLabs

- **E Excellent (90% - 100% Marks)**
- **A+ Very Good (80% - 89% Marks)**
- **A Good (70% - 79% Marks)**
- **B+ Average (60% - 69% Marks)**
- **B Fair (50% - 59% Marks)**
- **C Fail (Below 50% Marks)**

Course Content

- Module - 1: Introduction to Ethical Hacking
- Module - 2: Steps of Ethical Hacking
- Module - 3: Information Gathering & Foot Printing
- Module - 4: Types of Malicious Files
- Module - 5: Penetration Testing & Vulnerability Analysis
- Module - 6: Scanning Networks
- Module - 7: Google Hacking Using Dorks Demo
- Module - 8: Hacking with Metasploit Framework
- Module - 9: SE Toolkit
- Module - 10: Remote Administration Tool (RAT)
- Module - 11: Denial-of-Service (DOS)
- Module - 12: Session Hijacking
- Module - 13: Evading IDS, Firewalls, and Honeypots
- Module - 14: Structured Query Language (SQL) Injection
- Module - 15: Hacking Wireless Networks
- Module - 16: Web Application Pen Testing
- Module - 17: Cross Site Scripting (XSS)
- Module - 18: Cross Site Request Forgery (CSRF)
- Module - 19: Directory Listing
- Module - 20: Data Tampering
- Module - 21: Broken Authentication
- Module - 22: Html Injection
- Module - 23: Phishing
- Module - 24: Hacking Web Servers & Applications
- Module - 25: Hacking Android Platforms
- Module - 26: Hacking IoT Platforms
- Module - 27: Hacking Cloud Platforms
- Module - 28: Cryptography Techniques
- Module - 29: Steganography Techniques
- Module - 30: Project

Frequently asked questions (FAQ's)

1. **What must be the minimum age for doing this course?**
   Answer - There is no minimum age requirement for doing this course.

2. **What must be the minimum qualification required for doing this course?**
   Answer - There is no minimum qualification required if the student meets the **Eligibility Criteria**.

3. **Will I get any course material?**
   Answer - Yes, all materials are available on our online virtual lab, you can access them fully upto 1 year from the date of admission.

4. **Will I get a certificate after this course?**
   Answer - Yes, certificate (hardcopy/softcopy) will be provided after the course which will consist of a grade provided by the assigned trainer as per the final project submitted.

5. **In which language classes will be conducted?**
   Answer - Classes will be conducted mainly on English, Hindi & Bengali, mainly it will depend on majority criteria.

6. **Is this for professionals, students or both?**
   Answer - This course is both for Professionals and Students.

7. **Will there be any exam or project?**
   Answer - Yes, there will be 3 exams through the whole course duration and 1 project to be done after the course completion based on which Grade for certificate will be provided.

8. **Will I have to carry my own laptop or it will be provided?**
   Answer - It is recommended that the student carry his/her own system because it makes their self-practise easier. In case of emergency laptop/desktop can be provided by us.

9. **What kind of jobs roles can I apply after doing this course?**
   Answer - You can apply for any job roles related to **Cyber Security**.

10. **Can I apply for an Internships at IEMLabs? What will be the selection criteria and procedure?**
    Answer - After completion of minimum 2 courses you can apply for an Internship. There will be a technical interview, based on the reports from Faculty and Technical Interview selection will be granted.

11. **Are the Internships paid?**
    Answer - Yes, the Internships are "***Paid Internships***".

12. **My question is not enlisted here, whom can I contact?**
    Answer - Feel free to get in touch with us at: -
    - Email: iema@iemlabs.com
    - Phone: India: +91 9163198148 | Canada: +1-604-431-979