



# **COURSE BROCHURE**

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**Certified Penetration Testing Professional | CPENT**

## Introduction to the Course

With the number of hacking attacks on the rise, the significance of penetration testing has also risen phenomenally. The Certified Penetration Testing Professional or CPENT, in short, is a customized training program that focuses on setting high standards of penetration testing skill development.

The Certified Penetration Testing Professional (CPENT) program launched by IEM Labs guides you on how to carry out an efficient penetration test in an enterprise network environment. The course focuses on various aspects like attack, exploitation, evasion, and defense. If you only have experience of working on flat networks, the Certified Penetration Testing Professional's (CPENT) live practice options will train you and help you take your skills to a higher level. You will get professional training on:

- How to execute penetration test on OT systems and IoT (Internet of Things) systems
- Developing your individual tools
- How to author your individual exploits
- Carrying out cutting-edge binaries exploitation
- Double pivot for accessing hidden networks
- And also tailoring exploits/scripts for entering the innermost sectors of the network.

## Why to choose IEM Labs?

We at **IEM Labs** 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 **IEM Labs** 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: -**
  - Intel i5 processor
  - 8gb Ram
  - 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

- **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 Penetration Testing
- Module - 2: Penetration Testing Scoping and Engagement
- Module - 3: Open Source Intelligence (OSINT)
- Module - 4: Social Engineering Penetration Testing
- Module - 5: Network Penetration Testing – External
- Module - 6: Network Penetration Testing– Internal
- Module - 7: Network Penetration Testing – Perimeter Devices
- Module - 8: Web Application Penetration Testing
- Module - 9: Wireless Penetration Testing
- Module - 10: IoT Penetration Testing
- Module - 11: OT/SCADA Penetration Testing
- Module - 12: Cloud Penetration Testing
- Module - 13: Binary Analysis and Exploitation
- Module - 14: Report Writing and Post Testing Actions
- Module - 15: Certified Penetration Tester | CPENT Exam

## 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 IEM Labs? 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](mailto:iema@iemlabs.com)
- Phone: India: +91 9163198148 | Canada: +1-604-431-979