



COURSE BROCHURE

EC Council Certified Network Defender V3 – C | ND V3

Introduction to the Course

The job of a **Certified Network Defender | CND** is to protect the **Network System** from unwanted entries or security breaches. A **Network Defender** is basically the **Network Administrator** who are specially trained for operating, maintaining and protecting the network infrastructures from unauthorised access.

At the end of this course the students will get a fundamental understanding of how the **Network Systems** work, how to defend it from potential threats, how a software automates and how to analyse the problems on a network. The **Certified Network Defender | CND** is a prestigious certificate in the field of **Network Security** and helps the students to gain a good amount of knowledge in the field of **Networking** and **Network Security**.

The **Vulnerability Assessment and Penetration Testing | VAPT** service provided in this case is known as **Network Vulnerability Assessment & Penetration Testing | NVAPT** services. **IEM Labs** being **Accredited Training Centre (ATC)** of **EC Council** organises this course where the students will be trained by **Certified EC Council Instructors (CEI's)** who have been working as a **Network Security Analyst** for the several years.

Being an **EC Council Certified Network Defender | CND**, the student can get jobs in many prestigious MNCs as **Network Security Analyst / Network Administrator** who points out all the vulnerabilities in the infrastructure and points out how to resolve them.

Why to choose IEM Labs?

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 **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

Eligibility Criteria: -

- Knowledge of networking and security.
- 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: 34000 INR + 18% GST
- Offline: 33000 INR + 18% GST

Training Location: -

- Offline - Kolkata
- Online – Any

Exam Passing Criteria: -

Total Time - 4 hours

Total Number of Questions - 100

Total Marks - 100

Pass Marks - 70% i.e. 70

Course Content

- Module - 1: Computer Network and Defense Fundamentals
- Module - 2: Network Security Threats, Vulnerabilities, and Attacks
- Module - 3: Network Security Controls, Protocols, and Devices
- Module - 4: Network Security Policy Design and Implementation
- Module - 5: Physical Security
- Module - 6: Host Security
- Module - 7: Secure Firewall Configuration and Management
- Module - 8: Secure IDS Configuration and Management
- Module - 9: Secure VPN Configuration and Management
- Module - 10: Wireless Network Defense
- Module - 11: Network Traffic Monitoring and Analysis
- Module - 12: Network Risk and Vulnerability Management
- Module - 13: Data Backup and Recovery
- Module - 14: Network Incident Response and Management
- Module - 15: EC Council Certified Network Defender V3 – C | ND V3 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 the course.

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
- Phone: India: +91 9163198148 | Canada: +1-604-431-979