IEM LABS.

COURSE
BROCHURE

Cisco Certified Network Associate | CCNA

Introduction to the Course

Cisco Certified Network Associate | CCNA certification course is for the associate-level, i.e. the beginner level **networking course** by **IEMLabs**. Our trainers are field professionals and work in different companies as **Network Engineers**. They have an experience of 8-10 years. We train the course module following the global Cisco training modules.

In this course the student will be taught about concepts of networking from scratch. With a **Cisco Certified Network Associate | CCNA** certificate, the student can apply in any MNC as a **Network Engineer** and related job roles.

The CCNA course provides you with a very strong foundation of the following topics: -

- **Network fundamentals**
- **Network access**
- **IP connections**
- **IP services**
- **Securing a network**
- **Programmability of the network**

Automation processes

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: -

- **No prior knowledge required.**
- **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 Networking
- Module - 2: Details of Internet
- Module - 3: Topologies
- Module - 4: Network Components
- Module - 5: Internet Protocol Version 4 (IPV4)
- Module - 6: Protocols
- Module - 7: Routing and Switching
- Module - 8: Routing Overview
- Module - 9: Switching Overview
- Module - 10: Inter-Vlan Routing
- Module - 11: Network Address Translation (NAT)
- Module - 12: Dynamic Host Control Protocol (DHCP)
- Module - 13: CISCO ISO & IOS Images & Licensing
- Module - 14: Open Shortest Path First (OSPF)
- Module - 16: Enhanced Interior Gateway Routing Protocol (EIGRP)
- Module - 17: Internet Protocol Version 6 (IPv6)
- Module - 18: Border Gateway Protocol (BGP)
- Module - 19: Hot Standby Router Protocol (HSRP)
- Module - 20: Configuration and Verification of Device Management
- Module - 21: Use Cisco IOS tools to troubleshoot and resolve problems.
- Module - 22: Infrastructure Security
- Module - 23: Wide Area Network Technologies
- Module - 24: Security Fundamentals
- Module - 25: Network Automation and Programmability
- Module - 26: 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 **Networking**.

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