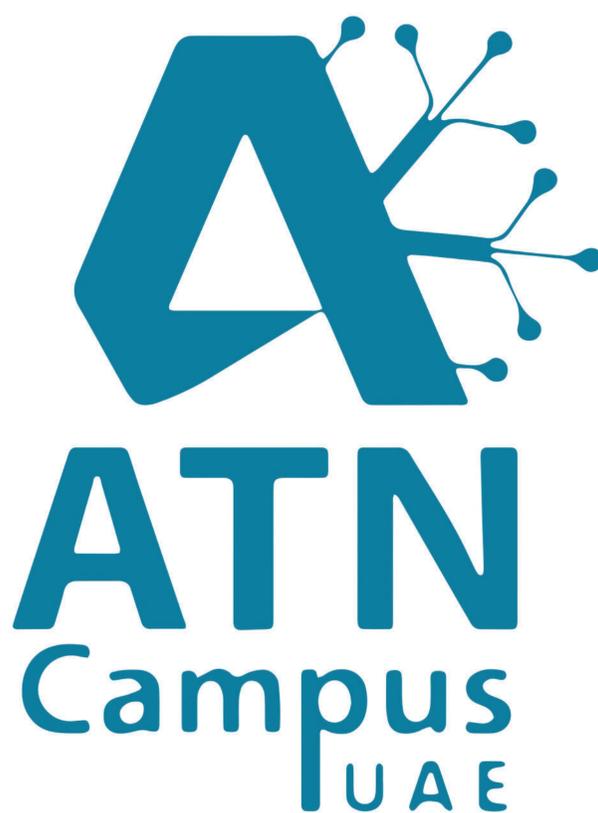


COURSE GUIDE

2026

CISCO CERTIFIED
NETWORK ASSOCIATE
(CCNA)



Route to the IT World



EC-COUNCIL



C|EH V13



■ DESCRIPTION

The CCNA programme is designed for individuals seeking to build a strong foundation in networking concepts and technologies. This course covers essential networking knowledge required to install, configure, operate, and troubleshoot small to medium-sized networks.

Learners will gain practical and theoretical understanding of network fundamentals, IP addressing, routing and switching, network security basics, wireless networking, and automation. The programme is aligned with Cisco's industry-recognized curriculum, ensuring relevance to real-world networking environments.

Upon completion, students will be well prepared for the CCNA certification examination and entry-level roles in networking, IT support, and network administration.

NETWORK TECHNOLOGY

Embark on a journey to master the intricate world of Network Technology. From fundamental concepts to advanced protocols, you will delve into the core principles that govern the design, implementation, and management of robust computer networks. Highlights of the Network Technology component include:

1. **Networking Fundamentals** : Gain a solid foundation in networking essentials, understanding the architecture and components that form the backbone of modern communication systems.
2. **Protocols and Technologies** : Explore a variety of networking protocols and technologies, from TCP/IP to VLANs, ensuring you are well-versed in the tools that power today's interconnected world.
3. **Security in Networks** : Learn to implement robust security measures to safeguard networks from potential threats and vulnerabilities, preparing you for the challenges of the cybersecurity landscape.
4. **Hands-on Labs** : Apply theoretical knowledge in practical scenarios through hands-on labs, simulations, and real-world projects, honing your skills in configuring and troubleshooting network setups.

■ COURSE CERTIFICATE



CISCO

Cisco Certification Program Accreditation

This certification program is officially recognized and accredited by Cisco Systems, a leading global technology company in networking and IT solutions. Cisco's accreditation ensures that this training course aligns with the highest industry standards and educational criteria, in compliance with rigorous guidelines set by Cisco for its certification programs.



KHDA

This Course is verified by KHDA, which is the main government entity controlling the activities of education providers in the UAE. The verification guarantees that this training course meets all the required standards and criteria in accordance with the highest educational regulations.



COURSE DETAILS

Course Name	Cisco Certified Network Associate
Duration	04 Months
Classes / hours per week	1 Class Per Week / 3 Hours
Language	English / Hindi / Sinhala / Tamil
Certificate	KHDA & Cisco Certifications
Class Mode	Online / In-Person
Practical Training	Yes Available

PREREQUISITES

- You will receive a pre-course questionnaire, which should be completed and sent to us. It will help us.
- Adjust the course to your needs.
- It is recommended to have secondary education.

WHO SHOULD ATTEND

- IT Students
- IT Professionals
- School Leavers
- Everyone who want to make changes that will be extremely beneficial for a company or to explore new jobs in IT.



■ WHAT IS NETWORKING?

- A network consists of two or more computers that are linked in order to share resources. The computers on a network such as through cables, Telephones lines and etc.
- Networking consists of 04 modules which are CCENT, CCNA, CCNP And CCIE.
- Networking is used by professionals to widen their circles of acquaintances.

■ BENEFITS OF STUDYING NETWORK TECHNOLOGY

1. High Demand: Network Technology is an essential aspect of modern businesses and is in high demand.
2. Career Opportunities: There are a wide range of career opportunities available in Network Technology, including positions such as Network Administrator, Network Engineer, and IT Support Specialist.
3. Essential Skills: The skills you learn in Network Technology are essential for any IT professional, giving you a competitive edge in the job market.

Part-Time Classes:

Our program offers flexible part-time classes, allowing you to study while maintaining your work or personal commitments.

Benefits of Certification:

IT Professional Certification validates your expertise in a specific area of IT, providing validation for your skills and knowledge. This can lead to increased job opportunities and higher salaries.

VENUE - ATN CAMPUS AL BARSHA

Address : No 606 Al zarooni building - Al Barsha 1 - Dubai

■ CISCO CERTIFIED NETWORK ASSOCIATE 200-301

01. Introduction about Cisco and Networking

- Introduction about Cisco Devices
- Network Types
- Network Topology
- Telecommunication Method

02. Addressing Method

- IP Addressing (IPv4 & IPv6)
- Subnetting
- Variable-Length Subnet Mask (VLSM)
- Classless inter-domain routing (CIDR)

03. Basic Device Configuration

- Basic CLI Modes
- Troubleshooting and Show Commands
- Secure Cisco Device

04. Cisco Discovery Protocol

- Link layer Discovery Protocol
- Trivial File Transfer Protocol (TFTP)

05. Cabling

- Straight Cable
- Crossover Cable
- and Rollover Cable

06. Network Reference Model

- OSI
- TCP

07. Switching Function

- Spanning Tree Protocol
- Rapid Spanning Tree Protocol
- Virtual Local Area Network
- Trunking Protocol
- Inter Vlan Routing
- Router on a stick
- Inter vlan Routing with MLS

08. Switching Advance Functions

- Extended vlan
- Native Vlan
- Voice Vlan
- Vlan Trunking Protocol
- Etherchannel
- SSH Configuration
- Port Security

09. Routing

- IGP & EGP
- Class full & Classless routing protocol
- Static Routing
- Dynamic Routing Protocol
- Open Shortest Path First
- Static Routing IPv6
- OSPFv3

10. Security

- Access Control List
- Network Address Translation
- First Hop Redundancy Protocol
- Quality of Service
- VPN

11. Wireless Concept

- Dynamic Host Configuration Protocol

12. Simple Network Management Protocol

- AAA • LAN • WAN

CISCO CERTIFIED NETWORK ASSOCIATE



Course code :

PARTICIPANTS DETAILS

MR. MS. FIRST NAME: _____ LAST NAME: _____
 COMPANY: _____ JOB TITLE : _____
 COUNTRY _____ CITY: _____
 ADDRESS: _____ PO BOX: _____
 MOBILE: _____ EMAIL: _____

COMPANY DETAILS

COMPANY: _____ LANDLINE : _____
 COUNTRY _____ CITY: _____
 ADDRESS: _____ PO BOX: _____
 MR. MS. FIRST NAME: _____ LAST NAME: _____
 JOB TITLE: _____ MOBILE: _____
 EMAIL: _____

COURSE STARTING DATE

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For course dates contact us or see courses calendar on www.atnedu.ae

YOU CAN REGISTER BY

☎ 042562856
 🌐 www.atnedu.ae
 📱 #ATNCAMPUS

IN - HOUSE AND LIVE ONLINE

If you are interested in conducting this training course at a location of your choice or online, you can contact us, and we will create a unique in-house or online training solution

PAYMENT OPTIONS	APPLICATION FEE	INITIAL INSTALLMENT	MONTHLY TUITION FEE	TOTAL FEE
INSTALLMENT PAYMENT	N/A	1000 AED	750 AED × 2 MONTHS	2500 AED
ONE TIME PAYMENT	N/A	N/A	N/A	ONE TIME PAYMENT 2000 AED

SPECIAL OFFER

2+20% Discount
 (BOOK TWO SEATS GET 20% OFF ON FOR 3RD REGISTRATION)

FOR THIS AND OTHER DISCOUNTS CONTACT US

* STUDENTS WILL RECEIVE 58% DISCOUNT ON THE CCNA EXAM VOUCHER. THE VOUCHER VALUE IS APPROXIMATELY USD 179.

LIVE ONLINE TRAINING FEES (3 DAYS)

TERMS & CONDITIONS

- We reserve the right to modify the course topic or its date or location.
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- Only one type of discount can be applied at a time to the same course.
- All Atton Institute bank account details will be provided on the invoice.
- Payment can be made via bank transfer, credit card or cheque to Atton insitute.
- Your registration will be fully valid only after the payment has been received in full.
- The regular, special and early bird courses fees exclude the applicable 5% VAT.

DATE: ___ / ___ / _____

SIGNATURE: _____