

COURSE GUIDE 2026

CISCO CERTIFIED NETWORK PROFESSIONAL (CCNP)



Route to the IT World



EC-COUNCIL



C|EH V13



■ DESCRIPTION

The CCNP programme is designed for IT professionals seeking to advance their expertise in enterprise networking solutions. This course focuses on planning, implementing, securing, and troubleshooting complex network infrastructures.

Learners gain in-depth knowledge of advanced routing and switching, enterprise networking, network security, wireless solutions, and automation. The curriculum is aligned with Cisco's globally recognised certification standards, ensuring practical relevance and industry applicability.

Upon completion, candidates will be well prepared for the CCNP certification examinations and advanced roles such as network engineer, systems engineer, and network administrator.

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.

■ **WHAT ARE THE BENEFITS IN STUDYING CCNP AT ATN?**

1. Competitive Edge in the Job Market:

Obtaining certifications in both Network Technology and C|EH gives you a competitive advantage in the job market. Employers often seek candidates with a diverse skill set, and a dual qualification showcases your versatility and proficiency in multiple areas.

2. Industry-Relevant Curriculum:

The program is designed to align with industry needs, ensuring that you acquire the latest knowledge and skills relevant to Network Technology and C|EH. This industry focus enhances your employability and prepares you for real-world challenges.

3. Sri Lanka TVEC Attested Certifications:

Upon completion of the program, you will receive certifications attested by the Sri Lanka Tertiary and Vocational Education Commission(TVEC). This attestation adds credibility to your qualifications, making them internationally recognized and respected.

4. In-Depth Understanding of Network Technology:

The Network Technology component provides you with a thorough understanding of networking concepts, protocols, and security measures. This knowledge is essential for roles in network administration, cyber security, and other related fields.

5. Hands-On Learning Experience:

The curriculum includes practical components such as hands-on labs, simulations, and real-world projects. This hands-on approach enhances your ability to apply theoretical knowledge to practical scenarios, ensuring you are well-prepared for the demands of the professional environment.

7. Networking Opportunities:

Studying at ATN Campus provides you with opportunities to connect with industry professionals, fellow students, and faculty members. Networking events, workshops, and seminars contribute to building a strong professional network, which can be valuable for future career prospects.

8. Career Guidance and Support:

ATN Campus is committed to supporting students in their career development. The program may include career guidance sessions, resume workshops, and job placement assistance to help you transition smoothly from academia to the workforce.

9. Adaptability and Future-Proofing:

The dual qualification ensures that you are well-equipped with skills in both network technology and Cyber security. This adaptability is crucial in an ever-evolving technological landscape, allowing you to stay relevant and future-proof your career.

10. Practical Application of Knowledge:

The program emphasizes the practical application of knowledge through real-world projects. This not only enhances your problem-solving skills but also provides you with a portfolio of work that can be showcased to potential employers.

■ COURSE DETAILS

Course Name	Cisco Certified Network Professional
Duration	06 Months
Class	One Day Class Per Week / 4 Hours
Language	English / Sinhala / Tamil
Certificate	TVEC & Cisco
Class Mode	Online / In-Person
Practical Training	Yes Available

COURSE CERTIFICATE



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



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.

■ PREREQUISITES

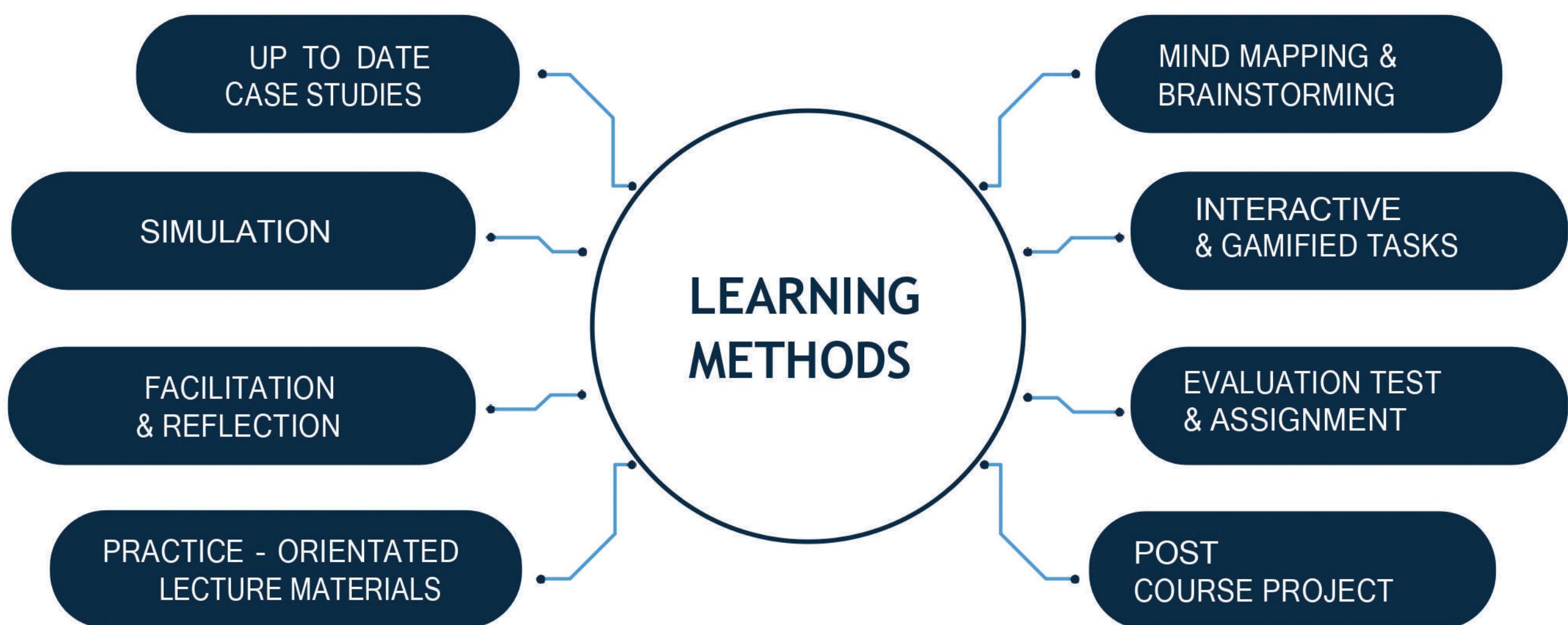
- It is recommended to have secondary education
- CCNA certification required

■ WHO CAN ATTEND

- Students those who are in IT sector
- 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

■ LEARNING METHODOLOGIES

All our courses include the most effective adult learning methodology and techniques. Our experience shows that only a combination of these methods can guarantee the best learning outcomes for attendees.



VENUE - ATN CAMPUS Colombo / Kurunegala / Batticaloa

ADDRESS : 507, GALLE ROAD, COLOMBO 06

■ CCNP ENTERPRISES ENCORE & ENARSI 350-401

01. Forwarding Architectures

- Packet Forwarding
- Network Device Communication 02. Layer (switching)
- Spanning Tree Protocol
- Advanced STP Tuning
- Multiple Spanning Tree Protocol
- VLAN Trunks and Ether Channel Bundles

02. Routing

- EIGRP
- OSPF
- Advanced OSPF
- OSPFv3
- BGP

03. BGP

- Advanced BGP
- Multi cast Addressing 05. Services
- QoS
- IP Services
- Overlay Tunnels

04. Wireless

- Wireless Signals and Modulation
- Wireless Infrastructure
- Understanding Wireless Roaming and Location Services
- Authenticating Wireless Clients
- Troubleshooting Wireless Connectivity

05. Architecture

- Enterprise Network Architecture
- Fabric Technologies
- Network Assurance

06. Security

- Secure Network Access Control
- Network Device Access Control and Infrastructure Security

07. Virtualization

- Server Virtualization
- Network Functions Virtualization

08. Automation

- Embedded Event Manager
- Agent-Based Automation Tools
- Agentless Automation Tools

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

DAY — MONTH — YEAR

For course dates contact Us or see courses calendar on www.atnedu.lk

YOU CAN REGISTER BY

📞 +94 11 4 848481
🌐 www.atnedu.lk
🌐 [#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	REGISTRATION FEE	MONTHLY TUITION FEE
INSTALLMENT PAYMENT	5000 LKR	22,500 LKR	22,500 × 3 MONTHS
ONE TIME PAYMENT	5000 LKR	75,000 LKR	N/A

SPECIAL OFFER

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

FOR THIS AND OTHER DISCOUNTS
CONTACT US

LIVE ONLINE TRAINING FEES
INTERACTIVE ONLINE TRAINING
SAME FEES
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 ATN Campus bank account details will be provided on the invoice.
- Payment can be made via bank transfer, credit card or cheque to ATN Campus.
- 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: _____