COURSE GUIDE 2026

PROFESSIONAL DUAL QUALIFICATION
(CCNA+CCNP+ETHICAL HACKING)

ATN
Campus

Route to the IT World

Dual Qualification Program in Network Technology & Ethical Hacking This comprehensive program is tailored for individuals seeking a rewarding career in the ever-expanding domains of Network Technology and Ethical hacking. By enrolling in this course, you will gain a distinct advantage in the competitive job market, obtaining two valuable qualifications in a single program.

The curriculum is meticulously crafted to provide you with a deep understanding of cutting-edge advancements, methodologies, and tools in Network Technology and EH Programming. Here is a glimpse into what the program entails:

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 DUAL QUALIFICATION 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	Network Technology & Cyber Security
Duration	14 Months
Class	One Day Class Per Week / 4 Hours
Language	English / Sinhala / Tamil
Certificate	TVEC ,(Cisco & EC council external exam)
Class Mode	Online / In-Person
Practical Training	Yes Available

■ COURSE CERTIFICATE
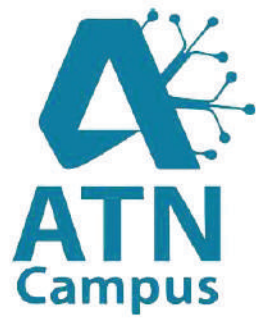
TVEC

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.

EC-COUNCIL

Certified Ethical Hacking - C|EH

This certification is for ethical hacking in cyber security field. Student has to purchase this separately to do the exam from EC- Council. It will help the to become a C|EH.
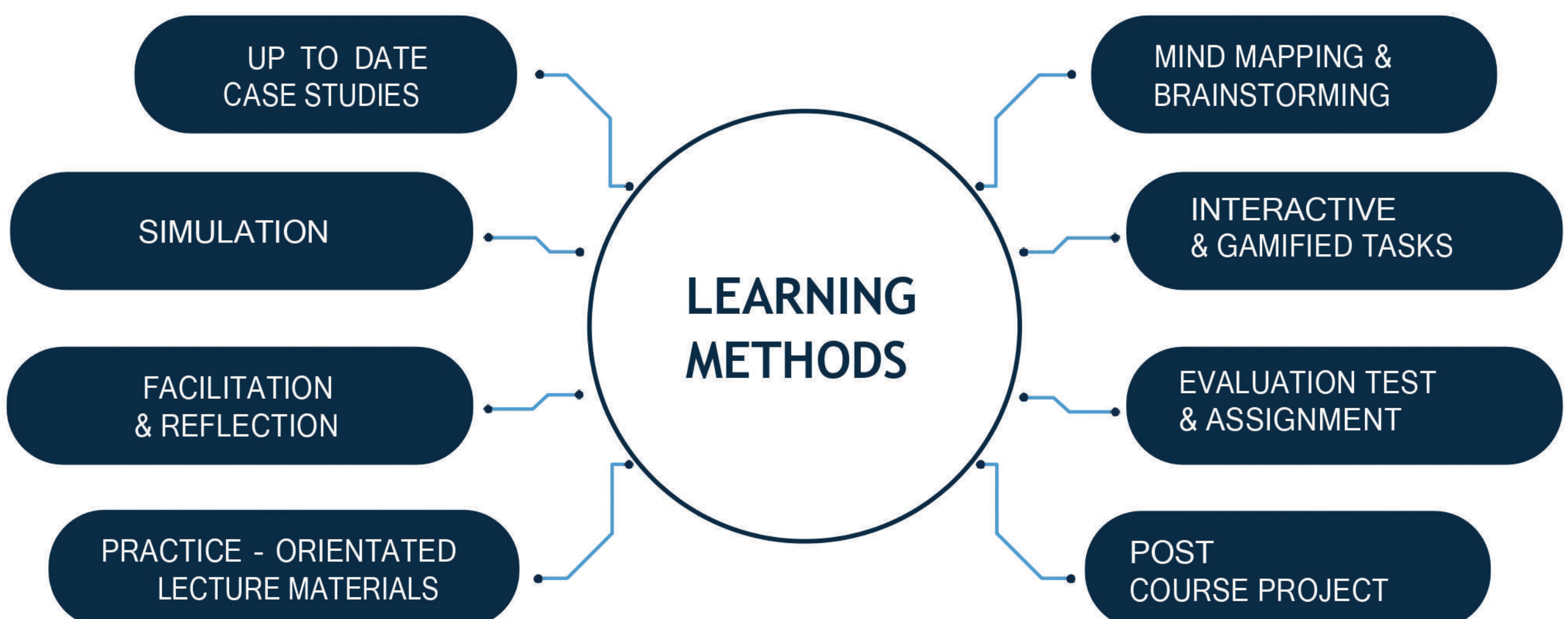
■ PREREQUISITES

• It is recommended to have secondary education

■ 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.

UP TO DATE CASE STUDIES

MIND MAPPING & BRAINSTORMING

SIMULATION

INTERACTIVE & GAMIFIED TASKS

LEARNING METHODS

FACILITATION & REFLECTION

EVALUATION TEST & ASSIGNMENT

PRACTICE - ORIENTATED LECTURE MATERIALS

POST COURSE PROJECT

VENUE - ATN CAMPUS Colombo / Kurunegala / batticaloa

ADDRESS : 507, GALLE ROAD, COLOMBO 06

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)
- Subletting
- 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
- Truncking 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 Fist
- 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

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. Vitalization

- Server Vitalization
- Network Functions Vitalization

08. Automation

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

CERTIFIED ETHICAL HACKER V13

- INTRODUCTION TO ETHICAL HACKING & FOOT PRINTING AND RECONNAISSANCE TECHNIQUES

- SCANNING NETWORKS & ENUMERATION

- VULNERABILITY ANALYSIS & SYSTEM HACKING

- MALWARE THREATS, SNIFFING

- SOCIAL ENGINEERING

- DENIAL-OF-SERVICE & SESSION HIJACKING

- EVADING IDS, FIREWALLS, AND HONEYPOTS

- HACKING WEB SERVERS & WEB APPLICATIONS, SQL INJECTION

- HACKING WIRELESS NETWORKS

- CRYPTOGRAPHY

- HACKING MOBILE PLATFORMS

C|EH V13

What is C|EH® v13?

The Certified Ethical Hacker has been battle-hardened over the last 20 years, creating hundreds of thousands of Certified Ethical Hackers employed by top companies, militaries, and governments worldwide.

In its 13th version, the Certified Ethical Hacker provides comprehensive training, hands-on learning labs, practice cyber ranges for engagement, certification assessments, cyber competitions, and opportunities for continuous learning into one comprehensive program curated through our new learning framework: 1. Learn 2. Certify 3. Engage 4. Compete.

5 Phases of Ethical Hacking

1. RECONNAISSANCE
2. SCANNING
3. GAINING ACCESS
4. MAINTAINING ACCESS
5. COVERING TRACKS

The C|EH v13 also equips aspiring cybersecurity professionals with the tactics, techniques, and procedures (TTPs) to build ethical hackers who can uncover weaknesses in nearly any type of target system before cybercriminals do.

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

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PAYMENT OPTIONS	APPLICATION FEE	REGISTRATION FEE	MONTHLY TUITION FEE
INSTALLMENT PAYMENT	5000 LKR	30000 LKR	24,000 LKR × 6 MONTHS
ONE TIME PAYMENT	5000 LKR	124,000 LKR	N/A

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2 + 20%
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TERMS & CONDITIONS

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

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