

Certified Ethical Hacker (C|EH) & Practical

CONNECTION TECHNOLOGY 裝備未來
FUTURE SKILLS



Course Fee: HK\$21,600 (May apply up to HK\$14,400 subsidy)

*Maximum saving, with the final grant subjects to approval.

The Certified Ethical Hacker (C|EH) credential is the most trusted ethical hacking certification and accomplishment recommended by employers globally. It is the most desired information security certification and represents one of the fastest-growing cyber credentials required by critical infrastructure and essential service providers. C|EH is recognised as a standard within the information security community. C|EH v13 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. The original core mission of C|EH remain valid and relevant today: "To beat a hacker, you need to think like a hacker."

Programme code	10016347
Duration and time	7- 8 & 14-16 April 2025 (40 hours) 09:00-18:00 (lunch: 12:30-13:30)
Venue	HKPC Building, 78 Tat Chee Avenue, Kowloon Tong, Kowloon
Medium	Cantonese with English terminology
Course fee	Regular Price: HK\$21,600 per person for CEHv13 Elite Package to be CEHv13 and CEH Practical certified
Remarks	The application deadline is 3 weeks prior to the commencement date. Late submission will NOT be considered.

Certified Ethical Hacker (C|EH v13)

C|EH v13 is a specialized and one-of-a-kind training program to teach you everything you need to know about ethical hacking with hands-on training, labs, assessment, a mock engagement (practice), and global hacking competition. Stay on top of the game with the most in-demand skills required to succeed in the field of cybersecurity.

C|EH v13 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. The new learning framework covers not only a comprehensive training program to prepare you for the certification exam but also the industry's most robust, in-depth, hands-on lab and practice range experience.

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 Outline (2 hours / module)

Module 01 - Introduction to Ethical Hacking

- Elements of Security
- Cyber Kill Chain
- MITRE ATT&CK Framework

Module 02 - Footprinting and Reconnaissance

- Concepts and tools for gathering information about targets.

Module 03 - Scanning Networks

- Techniques for identifying active devices and services on networks.

Module 04 – Enumeration

- Extracting detailed information from systems.

Module 05 - Vulnerability Analysis

- Assessing systems for vulnerabilities.

Module 06 - System Hacking

- Methods for gaining unauthorized access to systems.

Module 07 - Malware Threats

- Types of malware and their countermeasures.

Module 08 – Sniffing

- Techniques for capturing network traffic.

Module 09 - Social Engineering

- Manipulating individuals to gain confidential information.

Module 10 - Denial-of-Service

- Understanding DoS and Distributed DoS attack strategies.

Module 11 - Session Hijacking

- Techniques for intercepting active sessions.

Module 12 - Evading IDS, Firewalls, and Honeypots

- Strategies to bypass security measures.

Module 13 - Hacking Web Servers

- Exploiting vulnerabilities in web servers.

Module 14 - Hacking Web Applications

- Techniques for attacking web applications.

Module 15 - SQL Injection

- Understanding and exploiting SQL vulnerabilities.

Module 16 - Hacking Wireless Networks

- Attacks specific to wireless communications.

Module 17 - Hacking Mobile Platforms

- Vulnerabilities associated with mobile devices.

Module 18 - IoT and OT Hacking

- Addressing security concerns in Internet of Things devices.

Module 19 - Cloud Computing

- Security issues related to cloud environments.

Module 20 – Cryptography

- Fundamentals of cryptographic techniques and their applications in security.

Trainer

Certified Ethical Hacker (C|EH) will be conducted by EC-Council authorised trainer.

Mr MOY Eric - CISSP, CEH, CEI, CISA, CDPSE, CBCP, Master of Strategic Business IT, University of Portsmouth

Mr. Moy has over 20 years' experience in IT. He is a system consultant, professional trainer and project manager specialized in IT security, security awareness, blue team training.

Target Participants

- Information Security Analyst / Administrator
- Information Assurance (IA) Security Officer
- Information Security Manager / Specialist
- Information Systems Security Engineer / Manager
- Information Security Professionals / Officers
- Information Security / IT Auditors
- Risk / Threat/Vulnerability Analyst
- System Administrators
- Network Administrators and Engineers
- Network Security / Solution Architect

Certificate

Participants who have attained at least 75% attendance of lecture will be awarded a Training Attendance Certificate.

NITTP Training Grant Application Companies should submit their NITTP training grant application for their employee(s) via <https://nittp.vtc.edu.hk/rtp/login> at least **five weeks before** course commencement. Alternatively, [application form](#) could be submitted to the Secretariat in person, by post, by fax or by email to nittp@vtc.edu.hk together with supporting documents.

Enrolment method

1. Scan the QR code to complete the enrolment and payment online.
2. Mail the crossed cheque with payee name "Hong Kong Productivity Council" (in HK Dollar) and the application form should be mailed to Hong Kong Productivity Council, 3/F, HKPC Building, 78 Tat Chee Avenue, Kowloon (attention to Ms LEE). Please indicate the course name and course code on the envelope.



<https://www.hkpcacademy.org/en/10016347-01/>

(Only receipt printed with receipt printers at HKPC is valid.
Receipt of cheque payment is subject to bank clearance.)