



**Asia Masters Center**

## Certified Ethical Hacker



**Asia Masters Centre (AMC), Suite 2 B, level 6, Office Block, Grand Millennium Hotel, Bukit Bintang Street,  
55100 Kuala Lumpur, Malaysia. | Tel: +60327326992 | Mobile: +601 8909 0379 | Fax: +60327326992  
Website: <http://www.asiamasters.org/> | Email: [info@asia-masters.com](mailto:info@asia-masters.com)**



## Certified Ethical Hacker

### ➔ Course Objective

- Describe how perimeter defenses function by ethically scanning and attacking networks
- Conduct information systems security audits by understanding the latest security threats, advanced attack vectors, hacking techniques, methodologies and security measures
- Identify intruders, understand how they escalate privileges, and take the necessary steps to secure a system
- Conduct vulnerability assessments, risk assessments, penetration testing, and system protection measures
- Create policies and apply countermeasures against social engineering, Distributed Denial-of Service (DDoS) attacks, buffer overflows, and virus creation
- Apply countermeasures to secure mobile infrastructure against the attacks to mobile platforms and tablet computers

### ➔ Target Audience

- IT professionals, security professionals, auditors, site administrators, general management and anyone tasked with managing and protecting the integrity of the network infrastructure. This also includes anyone already familiar and involved with IT/Cyber/Digital Security and seeking to build on their fundamental principles of security. This course will also prepare professionals wishing to take the EC-Council ANSI accredited Certified Ethical Hacker exam 312-50.



## Course Outline

### Day 1

- Introduction to Ethical Hacking
- Short History of hacking
- Current developments
- Evolution and growth
- What is an “Ethical” Hacker
- Types of hackers

### Day 2

- Hacking methodologies
- Key issues plaguing the information security world
- Penetration testing
- System fundamentals
- Incident management processes
- Identifying the systems at risk
- Wireless networking
- Mobile platform security guidelines
- Mobile platform security tools

### Day 3

- Web servers
- Web applications
- Footprinting tools
- Footprinting reconnaissance
- Scanning networks



## Asia Masters Center

- Enumeration of services
- System hacking techniques and countermeasures
- Types of Trojans
- Working of viruses
- Computer worms
- Covert channels
- Sniffers
- Social engineering

### Day 4

- Denial of Service (DoS)
- Cryptography
- Public Key Infrastructure (PKI)
- Cryptanalysis tools
- Hacking your own system
- Gaining access to a system
- Session hijacking
- Wireless hacking tools

### Day 5

- Hacking mobile platforms
- Structured Query Language (SQL) injection
- Evading an Intrusion Detection System (IDS)
- Firewalls
- Honeypots
- Penetration testing
- Types of penetration testing
- Vulnerability assessment
- Penetration testing roadmap

### ➤ **The Feature Of Asia Master Training And Development Center**

- we pick up the customer from the airport to the hotel.
- we give the participant training bag includes all the necessary tools for the course.
- Working within groups to achieve the best results.
- All our courses are confirmed and we do not postpone or cancel the courses regardless of the number of participants in the course.
- We can assist you in booking hotels at discounted prices if you wish to book through us.
- We offer the certificate from Asia Masters Center for Training and Administrative Development.

### ➔ **The Cost Of The Training Program Includes The Following:**

- 1) Scientific article on flash memory.
- 2) Training Room.
- 3) Training.
- 4) Coffee break.
- 5) The training bag includes all the tools for the course.



## Asia Masters Center

### Price (USD)

Communicate with the training department  
to know the participation fees

➤ **There are offers and discounts for groups**

### The details of the bank account

Bank name: CIMB Bank Berhad

Account name: Asia Masters Center SDN. BHD

Bank account number: 80-0733590-5

Swift code: CIBBMYKL

IBAN: Null