

This is to verify that **Taobata SIMPORE** has completed the course **Diploma in Ethical Hacking** on Alison.

## Taobata SIMPORE

**Alison ID:** 30336285

**Course Completed:** Diploma in Ethical Hacking

**Date Of Completion:** 4th April 2025

**Email ID:** taobata.simpore@etu.uae.ac.ma

**Total Study Time:** 72h 23m



Scan To Verify

### Final Assessment Score:

Alison courses requires at least  
80% to pass the final assessment

# 93%

### CPD Hours Completed:

CPD approved learning hours  
completed through this course

# 71-73h

## Course Information

This course will begin by introducing you to ethical hacking and basic concepts of networking. You will learn about the roles of an ethical hacker, penetration testing methodologies like tiger box and white box models. You will learn about the TCP/IP stack, types of computer network, IP addressing, TCP, UDP and IP subnetting. It takes knowledge of network and computer technology to be a security tester otherwise known as an ethical hacker.

The course then explains the different routing protocols like Routing Information Protocol (RIP) and Open Shortest Path First (OSPF). You will learn about IP version 4 and IP version 6, which happens to be the latest IP version. Next, you will see a live demonstration of how a lab is set up for ethical hacking and also how to install and use Nessus for vulnerability scanning. You will gain an understanding of how real hackers think and attack innocent victims' computer systems.

Finally, you will learn about social engineering attack, man in the middle attack, basic concepts of cryptography, cryptographic hash functions, digital certificate and digital signature. You will also learn some security attacks on systems through malwares, phishing, password cracking, DDoS and Dos. You will then move on to learn about the measures taken to secure information from attackers or hackers through the use of biometrics and steganography and also perform network analysis using Wireshark. Start this course today, and learn valuable skills in ethical hacking.

## Modules Studied

**Module 1: Ethical Hacking and Basic Concepts of Networking**

**Module 2: IP Addressing and Routing**

**Module 3: Routing Protocols**

**Module 4: Nessus Installation**

**Module 5: Using Metasploit for Penetration Testing**

**Module 6: Diploma in Ethical Hacking - First Assessment**

**Module 7: Cryptography**

**Module 8: Cryptographic Hash Functions**

**Module 9: Information Security**

**Module 10: Information Security Attacks**

**Module 11: Hardware Security**

**Module 12: Vulnerability Scanning**

**Module 13: Network Analysis Tools**

**Module 14: Diploma in Ethical Hacking - Second Assessment**

**Module 15: Course assessment**