Alison
Academic Transcript

Certificate Number: AC-2274-39648124

This is to certify that the management of Alison awarded SHADRICK CHILONGO the certificate of completion in Diploma in Ethical Hacking under the category IT on 19th May 2025.

Validation: You can check authenticity of this certificate by visiting the following link:
https://alison.com/certification/check/2a7e95d302

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Certificate Details

Diploma in Ethical Hacking   [Score: 96]

Course Details

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.

Maeve Richardson

Director of Certification

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Modules Studied

Ethical Hacking and Basic Concepts of Networking

IP Addressing and Routing

Routing Protocols

Nessus Installation

Using Metasploit for Penetration Testing

Diploma in Ethical Hacking - First Assessment

Cryptography

Cryptographic Hash Functions

Information Security

Information Security Attacks

Hardware Security

Vulnerability Scanning

Network Analysis Tools

Diploma in Ethical Hacking - Second Assessment

Course assessment

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