

Course Outline

Ethical Hacking

Duration	3 months
Cost	250,000 NGN

Description:

This class will immerse the student into an interactive environment where they will be shown how to scan, test, hack and secure their own systems. The lab intensive environment gives each student in-depth knowledge and practical experience with the current essential security systems.

Students will begin by understanding how perimeter defenses work and then be lead into scanning and attacking their own networks, no real network is harmed. Students then learn how intruders escalate privileges and what steps can be taken to secure a system. Students will also learn about Intrusion Detection, Policy Creation, Social Engineering, DDoS Attacks, Buffer Overflows and Virus Creation.

Target Audience:

- Anyone who is concerned about the integrity of network infrastructure.
- Security professionals, site administrators and system administrators.

Requirements(s):

- Knowledge of system security.
- Strong knowledge of TCP/IP

The course will cover:

- Introduction to Ethical Hacking
- Footprinting
- System Hacking
- Sniffing
- Denial of Service
- Cryptography

- Malware threats
- Evasion techniques.

Career Prospects:

- Certified Ethical Hacker
- System Security Administrator
- Site Administrator