

Ethical Hacking Course

- Ethical Hacking Fields:

- Penetration Testing [PenTester] – [Offensive]
 - Web Penetration Testing
 - Vulnerabilities**
 - Mobile Penetration Testing
 - Network Penetration Testing
 - External/Internal Penetration Testing
 - Wireless Penetration Testing
 - ICS/IOT Penetration Testing
- Network Security [Network Security Engineer] – [Defensive]
 - Firewalls
 - List of legitimate actions to forward, and block the others [Whitelist]
 - List of forbidden actions to block, and allow the others [Blacklist]
 - IPS [Intrusion Prevention System]
 - IDS [Intrusion Detection System]
 - VPN [Virtual Private Network]
 - Assign an internal IP to your connection
 - 10.0.0.50
- SOC [Security Operation Center] [Defensive]
 - Monitoring the traffic
 - <https://haveibeenpwned.com/>
 - SIEM Solution
- Incident Response [Defensive]
- Digital Forensics [Defensive - Offensive]
 - CERT
- Malware Analysis [Malware Analyst] [Defensive - Offensive]
- Reverse Engineering [Defensive - Offensive]
- Secure Coding Engineer – [Secure SDLC (SSDLC)] [Defensive]
 - SDLC → Software Development Life Cycle
- Social Engineers [Offensive]
- Threat Intelligence [Defensive]
- Cryptography [Defensive]

- Dark Web [tor]
- Deep Web
- Surface Web → Facebook, google, twitter, youtube, instagram,

- Cyber Security Teams:

- Red Team → Offensive
- Blue Team → Defensive
- Purple Team →

- Hackers Types:

- White-Hat Hacker
- Black-Hat Hacker
- Gray-Hat Hacker

ITI

Infrastructure Department

- Cyber Security Track
- Cloud Computing Track
- System Administration Track

Engineering → قسم حاسبات - communication

FCI → CS, IT

Science → قسم حاسب

your degree is > Good

English Test → MCQ

IQ Test → MCQ

Technical Interview →

Soft Skills Interview →

HR Interview with one of the ITI managers →

Links

<https://www.netacad.com/>

<https://developer.ibm.com/digitalnation/africa/courses/cybersecurity>