I LEARN
ACADEMY

OFFENSIVE CYBER SECURITY AND CTF

2024

By: Ilearn Academy

www.ilearntc.com

Offensive Cyber Security And CTF

Overview:

- This learning path will teach you all you need about It and Operating systems and Cyber Security threats.
- It will prepeare you for the role of SOC analyst in an Operation Security Center.
- In this track, students will learn the fundamentals of Networks and Systems Administration.
- Then you will learn Offensive Security & Pen Testing and identify the concepts with practices.
- Cyber Security is becoming increasingly prevalent, with a larger number of businesses becoming affected by cyber attacks each year.

Audience Profile :

- Any one interest in Learning offensive cyber security from scratch and build a career in today's top wanted Information technology field.
- This course is great for those who are already in IT and are looking to expand their horizons to learn how the back end of an offensive security operation works. Whether you're a software developer, system administrator, this course is for you!

Prerequisites:

- CCNA .
- Linux Administration .
- Windows server Administration.

Why Learn Offensive Cyber Security And CTF ?

- Offensive Security is a proactive and adversarial approach to protecting computer systems, networks and individuals from attacks, pen testing is an authorized simulated attack performed on a computer system to evaluate its security.

Training Solutions:

- Offline Classroom Instructor-Led Training in our labs or onsite Locations.
- Virtual Instructor-Led Training Via
- Virtual Video Conferencing Tools.

Why Learners Prefer iLearn as their Training Services provider ?

- Premuim Training Services Accredited from Global Technology Vendors.
- Best Rated Experts & Certified Trainers in Egypt.
- Official Training Hours, Practice Labs, Hands-on Learning.
- iLearn Classrooms are designed with High Edge PCs and Training Facilities.
- Return on Training Investment is Guaranteed to boost performance.

Offensive Cyber Security And CTF

Offensive Cyber Security And CTF Course

Offensive Cyber Security And CTF Outline:

Offensive Cyber Security Introduction

- **Active and Passive Reconnaissance**
- **Network Discovery**
- **Major System and Network Protocols**
- **Vulnerabilities**
- **Operating System Hacking**
- **Malware**
- **Layer 2 Attacks – Layer 3 Attacks**
- **Social Engineering**
- **Session Hijack**
- **Denial of Service**
- **Defensive devices and systems**
- **Web Attacks**
- **SQL Injection**
- **Wireless Attacks – Mobile Attack – IOT Attack**
- **Encryption methods**
- **Cloud Risks**
- **Countermeasures**
- **Risk Management**
- **Security Assessment**
- **Security Operations**
- **Security Design**

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Contact Us

WE LOOK FORWARD
TO WORKING WITH YOU

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