

Fundamentals of Organizational Security Infrastructure

COURSE OVERVIEW

This is an advanced Infrastructure security course with the most current security domains any professional will ever want to know when they are planning to beef up the information security posture of their organization. The goal of this course is to help you master security methodology that can be used in a penetration testing or security of infrastructure.

WHO SHOULD ATTEND?

This course is designed for IT security professionals, security infrastructure managers, systems and network administrators, cybersecurity analysts, risk management officers, compliance managers, facilities and operations managers, and internal security personnel. It is also suitable for government officials, consultants, and technical staff involved in designing, implementing, or managing an organization's physical and digital security infrastructure. Those new to organizational security or seeking to strengthen their foundational knowledge in security systems and protocols will find this course useful.

COURSE OUTCOMES

Delegates will gain the knowledge and skills to:

- Comprehend IT infrastructure, network (configuration and topology), network traffic, and communication system.
- Prepare and implement security policies, processes, and procedures.
- Periodically test and audit the entire network security (Internet, Intranet and Extranet).
- Run regular update and maintain an audit trail of all changes.

KEY COURSE HIGHLIGHTS

At the end of the course, you will understand;

- Introduction to organizational security principles and frameworks.
- Physical security infrastructure: access control, surveillance, perimeter protection.
- IT and cybersecurity fundamentals: firewalls, encryption, and intrusion detection.
- Designing layered (defense-in-depth) security systems.
- Identifying and mitigating internal and external threats.
- Security risk assessment and vulnerability management.
- Integration of physical and cyber security systems.
- Policies, compliance, and regulatory standards.
- Emergency response and incident management protocols.
- Best practices for maintaining and auditing security infrastructure.

All our courses are dual-certificate courses. At the end of the training, the delegates will receive two certificates.

1. A GTC end-of-course certificate
2. Continuing Professional Development (CPD) Certificate of completion with earned credits awarded