

Location: Taaeen/ ADNOC

Date: April 2025

Duration: 5 Days

Fee: English

Course Title: Defensible Security Architecture and Engineering

Learning Objectives:

- Learn the principles of secure system architecture design.
- Develop and implement robust security frameworks.
- Evaluate and enhance organizational security posture.

Target Audience:

- Security Architects, CISOs, and IT Managers

Daily Course Outline:

Day 1: Principles of Secure System Architecture

- Defense-in-depth strategies
- Core principles of secure design

Day 2: Developing Robust Security Frameworks

- NIST, CIS, and ISO 27001 implementation
- Threat modeling and risk identification

Day 3: Risk Management & Security Assessments

- Mitigating security risks
- Red teaming and vulnerability assessments

Day 4: Security Architecture Best Practices & Case Studies

- Evaluating organizational security posture
- Real-world case studies and lessons learned

