

# Cyber Security Risk Assessment & Management Masterclass

IT & IT Engineering  
Cairo (Egypt)  
10 - 14 Aug 2025

UK Training

# PARTNER



## Cyber Security Risk Assessment & Management Masterclass

**Ref:** 321388\_129184 **Date:** 10 - 14 Aug 2025 **Location:** Cairo (Egypt) **Fees:** 3300 **Euro**

### Course Description

This intensive 5-day course equips professionals with the knowledge and skills to effectively assess and manage cybersecurity risks. Participants will learn to identify, analyze, and mitigate cyber threats using industry-standard frameworks and best practices. The course covers risk assessment methodologies, threat modeling, control implementation, and continuous monitoring techniques.

### Learning Objectives

- Understand and apply cybersecurity risk management frameworks
- Conduct comprehensive risk assessments and threat modeling
- Develop and implement effective risk mitigation strategies
- Design and maintain a robust cybersecurity program
- Communicate cyber risks to stakeholders effectively

### Course Modules

#### Day 1: Foundations of Cyber Risk Management

- Introduction to cybersecurity risk management
- Risk management frameworks NIST, ISO 27001, FAIR
- Cyber threat landscape and attack vectors
- Asset identification and classification

#### Day 2: Risk Assessment Methodologies

- Qualitative and quantitative risk assessment techniques
- Threat modeling and vulnerability assessment
- Risk analysis and prioritization
- Scenario-based risk assessment

#### Day 3: Risk Mitigation Strategies

- Security controls selection and implementation
- Risk treatment options accept, avoid, transfer, mitigate
- Cost-benefit analysis of security measures
- Developing risk mitigation plans

#### Day 4: Continuous Monitoring and Incident Response

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- Implementing continuous monitoring programs
- Key risk indicators and metrics
- Incident response planning and management
- Business continuity and disaster recovery

## Day 5: Governance and Communication

- Cybersecurity governance and policy development
- Risk reporting and dashboards
- Communicating risks to executives and boards
- Building a culture of security awareness

## Practical Wins for Participants

- Ability to conduct thorough cyber risk assessments
- Skills to develop and implement effective risk mitigation strategies
- Knowledge to establish a continuous monitoring program
- Expertise in communicating cyber risks to stakeholders

A graphic of a chessboard with several chess pieces. A large gold king piece is prominent in the foreground, with a silver pawn and a silver knight behind it. In the background, there are concentric white circles on a dark surface.

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