London TDM

Security Management and Risk Protection Training Courses

Course Venue: United Kingdom - London

Course Date: From 01 February 2026 To 05 February 2026

Course Place: London Paddington

Course Fees: 7,500 USD

Introduction

The "Security Risk Management for Critical Infrastructure" course is designed to equip professionals with the knowledge and skills necessary to effectively manage and mitigate risks associated with critical infrastructure. Throughout this 5-day program, participants will explore fundamental concepts, tools, and strategies to safeguard critical assets against a wide spectrum of threats and vulnerabilities. By the end of the course, individuals will have acquired the capability to assess risks and implement robust security measures to ensure the resilience and reliability of critical infrastructure systems.

Objectives

- Understand the fundamental principles of security risk management specific to critical infrastructure.
- Identify potential threats and vulnerabilities affecting critical infrastructure systems.
- Develop risk assessment frameworks and methodologies tailored for critical infrastructure.
- Implement effective risk mitigation strategies and security controls.
- Enhance the resilience and recovery capabilities of critical infrastructure in the face of incidents.

Course Outlines

Day 1: Introduction to Critical Infrastructure Protection

- Definition and importance of critical infrastructure.
- Overview of sectors categorized as critical infrastructure.
- Historical perspective on critical infrastructure threats.
- Key regulations and standards in critical infrastructure protection.
- Roles and responsibilities of stakeholders in infrastructure security.

Day 2: Risk Assessment Methodologies

- Principles of risk assessment in the context of critical infrastructure.
- Identifying potential hazards and threat vectors.
- Conducting vulnerability assessments.
- Quantitative versus qualitative risk assessment techniques.
- Case study: Risk assessment of a critical infrastructure facility.

Day 3: Risk Mitigation and Control Strategies

- Frameworks for developing risk mitigation plans.
- Implementation of physical and cyber security controls.
- Designing layered security systems for infrastructure protection.
- Collaboration with public and private entities in risk management.
- Real-world applications: Successful mitigation strategies.

Day 4: Incident Response and Recovery Planning

- Developing incident response plans applicable to critical infrastructure.
- Role of communication and coordination during incidents.
- Evaluation and improvement of response strategies post-incident.

- Recovery and continuity planning for infrastructure resilience.
- Case studies on incident response in critical sectors.

Day 5: Building a Resilient Infrastructure Framework

- Integrating resilience into the infrastructure design and operations.
- Innovations and technology trends in infrastructure security.
- Importance of training and exercises for readiness.
- Assessing the future landscape of critical infrastructure threats.
- Course wrap-up: Certification and next steps in professional development.