



London TDM

# Security Management and Risk Protection Training Courses

**Course Venue:** United Kingdom - London

**Course Date:** From 19 July 2026 To 23 July 2026

**Course Place:** London Paddington

**Course Fees:** 7,500 USD

## Introduction

The "Airport and Aviation Security Fundamentals" course is designed to provide participants with a comprehensive understanding of aviation security concepts, practices, and regulations. Participants will learn about the latest security measures, threat assessments, and technological advancements necessary for safeguarding aviation operations. This course is ideal for professionals seeking to enhance their expertise in airport security management.

## Objectives

- Understand the key principles of aviation security management.
- Familiarize with international and national aviation security regulations.
- Analyze threat assessments and risk management strategies.
- Explore the latest technological advancements in aviation security.
- Develop practical skills in security operations and incident response.

## Course Outlines

### Day 1: Introduction to Aviation Security

- Overview of aviation security history and evolution.
- Key principles and components of aviation security.
- International security organizations and their roles (ICAO, IATA, etc.).
- Understanding security threats in the aviation sector.
- The role of human factor in aviation security.

### Day 2: Regulations and Standards

- International aviation security regulations and frameworks.
- National aviation security regulations and compliance.
- Aviation security audits and inspections.
- The impact of regulations on airport security operations.
- Case studies on regulatory compliance failures.

### Day 3: Threat Assessment and Risk Management

- Identifying and assessing security threats.
- Risk management strategies for aviation operations.
- Security in cargo and baggage handling.
- Access control and perimeter security challenges.
- Developing a risk-based security plan.

### Day 4: Security Technologies and Innovations

- Latest technologies in passenger and baggage screening.
- Biometric systems and their application in airports.
- Cybersecurity in aviation: Protecting digital infrastructures.
- Using AI and data analytics in security operations.
- Innovative approaches to in-flight security.

## **Day 5: Security Operations and Incident Response**

- Design and management of airport security operations.
- Crisis management and incident response planning.
- Training and drills for security personnel.
- Collaborative security efforts: Stakeholders and partners.
- Evaluating and improving security protocols.