



London TDM

# Security Management and Risk Protection Training Courses

**Course Venue:** United Arab Emirates - Dubai

**Course Date:** From 26 April 2026 To 30 April 2026

**Course Place:** Downtown Dubai

**Course Fees:** 5,000 USD

## Introduction

This comprehensive 5-day course on "CCTV Surveillance and Monitoring Systems" aims to provide participants with an in-depth understanding of the critical aspects of CCTV technology. The course covers theoretical knowledge and practical skills necessary to design, implement, and maintain effective surveillance systems. Participants will gain insights into the operational, technical, and legal dimensions of CCTV usage in various environments.

## Objectives

- To understand the fundamental principles of CCTV surveillance systems.
- To explore various components and technologies used in CCTV systems.
- To learn about the installation and configuration of CCTV equipment.
- To examine the legal and ethical considerations in CCTV monitoring.
- To develop skills in analyzing and utilizing surveillance footage effectively.

## Course Outlines

### Day 1: Introduction to CCTV Systems

- Overview of CCTV technology and its evolution
- Types of CCTV cameras and their applications
- Basic components of a CCTV system
- Understanding video signal transmission
- Introduction to data storage solutions

### Day 2: CCTV System Components and Technologies

- Cameras: types, features, and specifications
- Lens types and image capture fundamentals
- Recording devices: DVR, NVR, and hybrid systems
- Video analytics and smart detection technologies
- Wired vs. wireless systems: pros and cons

### Day 3: Installation and Configuration

- Site assessment and system design principles
- Cable management and power supply considerations
- Camera placement and angle optimization
- Configuring recording devices and network settings
- Troubleshooting common installation issues

### Day 4: Legal and Ethical Considerations

- Overview of privacy laws and regulations
- Data protection and management of surveillance footage
- Ethical use of CCTV in various environments
- Compliance with industry standards and policies
- Case studies of legal implications in CCTV use

## **Day 5: Monitoring, Analysis, and Future Trends**

- Effective monitoring techniques and strategies
- Analyzing surveillance footage for investigation
- Maintenance and system optimization practices
- Emerging technologies and future trends in CCTV
- Building a career in CCTV surveillance and security