MERCURY

Security Management and Risk Analysis

3 – 7 January 2027
Kuala Lumpur (Malaysia)



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Ref: 121249_1080874 **Date:** 3 – 7 January 2027 **Location:** Kuala Lumpur (Malaysia) **Fees:** 4600 Euro

Introduction

This course on Security Management and Risk Analysis provides professionals with essential knowledge and skills to identify, assess, and mitigate security risks in diverse environments. Participants will explore systematic approaches to risk assessment, crisis management, and organizational security planning. The program emphasizes practical strategies to protect assets, data, and personnel while ensuring regulatory compliance. It integrates modern security practices with analytical tools to effectively evaluate threats. By the end of the course, learners will be equipped to make informed decisions to enhance safety and resilience. The content blends theoretical frameworks with real-world applications.

Targeted Groups

This Security Management and Risk Analysis targets professionals seeking specialized knowledge and skills:

- Security managers and officers
- Risk assessment specialists
- Compliance and audit professionals
- Facility and operations managers
- IT security personnel
- Emergency response coordinators
- Corporate safety officers
- Consultants in security and risk management

Course Objectives

Participants will achieve the following objectives by Security Management and Risk Analysis completion:

- Understand core principles of security management
- Assess and analyze organizational risks
- Apply risk mitigation strategies effectively
- Develop comprehensive security policies
- Implement crisis and emergency response plans
- Integrate security systems with operational processes
- Evaluate threats using analytical tools
- Ensure compliance with legal and regulatory standards
- Enhance decision-making in security operations
- Promote organizational safety and resilience

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Targeted Competencies

Participants will gain the following competencies during the program:

- Risk identification and evaluation
- Security strategy formulation
- Crisis management planning
- Threat monitoring and reporting
- Decision-making under pressure
- Policy development and implementation
- Regulatory compliance knowledge
- Analytical problem-solving skills
- Effective communication in security contexts
- Integration of technology in security solutions

Studying Scenarios

In this training, participants will develop their skills through the analysis of the following scenarios:

- Security breach in corporate facilities
- Cyber-attack on organizational systems
- Emergency evacuation planning
- Threat assessment for high-risk events
- Risk evaluation of operational processes
- Implementation of safety protocols
- Coordination with law enforcement and response teams

Course Content

Unit 1: Fundamentals of Security Management

- Introduction to security management principles
- Roles and responsibilities of security professionals
- Security governance frameworks
- Risk assessment methodologies
- Organizational security policies and procedures
- Security audits and compliance checks
- Integration of physical and cyber security
- Key security performance indicators

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Unit 2: Risk Analysis Techniques

- Identifying potential threats and vulnerabilities
- Risk assessment models and tools
- Quantitative and qualitative analysis methods
- Prioritizing risks based on impact and likelihood
- Scenario-based risk evaluation
- Threat intelligence and data collection
- Risk reporting and documentation
- Continuous risk monitoring

Unit 3: Crisis and Emergency Management

- Crisis management frameworks
- Emergency response planning
- Incident command systems
- Communication during emergencies
- Contingency planning and resource allocation
- Recovery and business continuity strategies
- Simulation exercises for crisis scenarios

Unit 4: Security Policies and Compliance

- Regulatory requirements and standards
- Developing organizational security policies
- Security audits and gap analysis
- Reporting and documentation practices
- Legal considerations in risk management
- Staff training and awareness programs
- Policy enforcement and evaluation

Unit 5: Advanced Security Strategies and Technology Integration

- Cybersecurity measures and controls
- Surveillance and monitoring systems
- Access control and perimeter security
- Security technology implementation
- Threat modeling and predictive analysis
- Integration of AI in risk management
- Evaluating the effectiveness of security measures

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Final Insights & Key Takeaways

Effective security management relies on structured risk analysis and proactive mitigation. Participants will be empowered to safeguard assets, personnel, and information through informed decisions and practical strategies.