

LAPT

LONDON ACADEMY OF PROFESSIONAL TRAINING

CERTIFICATE

ISO 22326 — Emergency Management Monitoring of Impending Disasters

ISO Certification Programme



LAPT — London Academy of Professional Training

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Reference SSR-ADC-22326 • ISO Security Safety & Risk

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AT A GLANCE

REFERENCE	SSR-ADC-22326
AWARD	Certificate
ASSESSMENT	430 marks — 258 to pass (60%)
PREREQUISITES	None
VALIDITY	Lifetime
AWARDING BODY	LAPT — London Academy of Professional Training

CURRICULUM

1

Disaster Monitoring Techniques

5 chapters · 30 classes

85 marks

• 1 Overview of Disaster Monitoring Frameworks — 6 classes

› 1.1 Define Key Concepts in Disaster Monitoring Frameworks

› 1.2 Identify Different Types of Disasters and Their Indicators

› 1.3 Explore Technological Tools for Disaster Monitoring

› 1.4 Analyze Case Studies of Effective Disaster Monitoring

› 1.5 Discuss the Role of Leadership in Disaster Monitoring

› 1.6 Develop a Basic Disaster Monitoring Plan Using Frameworks

• 2 Technologies in Disaster Detection — 6 classes

› 2.1 Explore Remote Sensing Technologies for Disaster Detection

› 2.2 Analyze Satellite Imagery in Identifying Impending Disasters

› 2.3 Evaluate the Role of GIS in Emergency Management

› 2.4 Investigate Real-time Data Collection Methods for Disaster Monitoring

› 2.5 Implement Early Warning Systems in Disaster Risk Reduction

› 2.6 Assess the Impact of Drones on Disaster Surveillance and Response

• 3 Data Collection and Analysis Methods — 6 classes

› 3.1 Identify Key Data Sources for Disaster Monitoring

› 3.2 Collect Quantitative Data Using Standardized Tools

› 3.3 Utilize Qualitative Methods for Comprehensive Analysis

› 3.4 Analyze Collected Data for Trend Identification

› 3.5 Develop a Reporting Framework for Findings

› 3.6 Integrate Data Analysis into Emergency Management Strategies

• 4 Real-Time Monitoring Systems — 6 classes

› 4.1 Define Real-Time Monitoring Systems in Disaster Management

› 4.2 Explore Technologies Used in Real-Time Monitoring

› 4.3 Identify Key Components of Effective Monitoring Systems

› 4.4 Assess the Impact of Real-Time Data on Decision Making

› 4.5 Develop a Framework for Implementing Real-Time Monitoring

› 4.6 Evaluate Case Studies of Successful Real-Time Monitoring Applications

• 5 Leadership and Decision-Making in Disaster Situations — 6 classes

› 5.1 Analyze Leadership Roles in Disaster Situations

› 5.2 Assess Decision-Making Models for Crisis Management

› 5.3 Evaluate Communication Strategies Among Emergency Teams

› 5.4 Identify Key Stakeholders in Disaster Response

› 5.5 Develop Action Plans for Effective Crisis Leadership

› 5.6 Apply Leadership Skills in Simulated Disaster Scenarios

• 1 Understanding Emergency Response Frameworks — 6 classes

- › 1.1 Define Key Concepts in Emergency Response Frameworks
- › 1.2 Explore the Role of Leadership in Emergency Management
- › 1.3 Analyze Different Emergency Response Models
- › 1.4 Identify Stakeholders in Emergency Response Frameworks
- › 1.5 Assess the Effectiveness of Current Emergency Response Practices
- › 1.6 Develop a Plan for Implementing Emergency Response Strategies

• 2 Stakeholder Roles in Emergency Management — 6 classes

- › 2.1 Identify Key Stakeholders in Emergency Management
- › 2.2 Define Roles and Responsibilities of Each Stakeholder
- › 2.3 Analyze Stakeholder Communication Strategies
- › 2.4 Evaluate Collaboration Techniques Among Stakeholders
- › 2.5 Develop a Stakeholder Engagement Plan for Disasters
- › 2.6 Implement Stakeholder Feedback Mechanisms in Emergency Response

• 3 Assessment and Analysis of Risks — 6 classes

- › 3.1 Identify and Categorize Potential Risks in Emergency Management
- › 3.2 Analyze the Impact of Identified Risks on Communities
- › 3.3 Evaluate Existing Emergency Response Frameworks for Risk Mitigation
- › 3.4 Prioritize Risks Based on Severity and Likelihood of Occurrence
- › 3.5 Develop Actionable Risk Assessment Plans for Preparedness
- › 3.6 Simulate Risk Scenarios to Test Emergency Response Strategies

• 4 Developing Effective Emergency Response Plans — 6 classes

- › 4.1 Assess Community Needs and Risks for Emergency Planning
- › 4.2 Define Clear Goals and Objectives for Response Plans
- › 4.3 Identify Key Stakeholders and Roles in Emergency Management
- › 4.4 Develop Standard Operating Procedures for Emergency Scenarios
- › 4.5 Establish Communication Protocols for Effective Coordination
- › 4.6 Test and Revise Emergency Response Plans Through Drills

• 5 Monitoring and Evaluation of Response Frameworks — 6 classes

- › 5.1 Identify Key Components of Emergency Response Frameworks
- › 5.2 Analyze Methods for Monitoring Disaster Readiness
- › 5.3 Evaluate Real-World Case Studies of Response Frameworks
- › 5.4 Develop Indicators for Assessing Emergency Preparedness
- › 5.5 Apply Monitoring Tools to Simulated Disaster Scenarios
- › 5.6 Create an Improvement Plan Based on Evaluation Findings

• 1 Understanding Crisis Leadership Principles — 6 classes

- › 1.1 Define Crisis Leadership: Key Principles and Characteristics
- › 1.2 Assessing Crisis Situations: Identifying Potential Risks and Threats
- › 1.3 Developing Effective Communication Strategies in Crisis Management
- › 1.4 Building and Leading Resilient Teams during Emergencies
- › 1.5 Implementing Decision-Making Frameworks for Crisis Resolution
- › 1.6 Evaluating Crisis Leadership: Measuring Success and Learning from Outcomes

• 2 Assessing Risks and Preparedness in Crisis Situations — 6 classes

- › 2.1 Identify Key Risk Factors in Emergency Management
- › 2.2 Evaluate Current Preparedness Levels in Crisis Situations
- › 2.3 Analyze Historical Data for Risk Assessment
- › 2.4 Develop a Risk Assessment Framework for Your Organization
- › 2.5 Create Action Plans Based on Risk Evaluation
- › 2.6 Implement and Test Preparedness Strategies in Simulated Crises

• 3 Decision-Making Models in High-Pressure Environments — 6 classes

- › 3.1 Identify Key Decision-Making Models in Crisis Situations
- › 3.2 Analyze the Effectiveness of Different Decision-Making Approaches
- › 3.3 Evaluate the Role of Emotions in Decision-Making Under Pressure
- › 3.4 Apply SWOT Analysis to Real-World Crisis Scenarios
- › 3.5 Develop a Decision Matrix for Emergency Management Scenarios
- › 3.6 Implement Leadership Strategies for Making Timely Decisions

• 4 Communication Strategies for Effective Crisis Leadership — 6 classes

- › 4.1 Assess Communication Needs in Crisis Situations
- › 4.2 Develop Clear Messaging for Key Stakeholders
- › 4.3 Utilize Technology for Real-Time Communication
- › 4.4 Establish Protocols for Two-Way Communication
- › 4.5 Create a Communication Plan for Diverse Audiences
- › 4.6 Evaluate Communication Effectiveness Post-Crisis

• 5 Post-Crisis Evaluation and Leadership Reflection — 6 classes

- › 5.1 Analyze Post-Crisis Outcomes to Identify Leadership Strengths
- › 5.2 Conduct Reflective Practices for Enhanced Decision-Making
- › 5.3 Assess Team Feedback to Improve Crisis Management Strategies
- › 5.4 Develop Action Plans Based on Evaluation Findings
- › 5.5 Implement Continuous Improvement for Future Leadership Effectiveness
- › 5.6 Share Lessons Learned to Foster a Culture of Resilience

• 1 Fundamentals of Monitoring Systems in Emergency Management

— 6 classes

- › 1.1 Define Key Concepts in Monitoring Systems for Emergency Management
- › 1.2 Identify Components of Effective Monitoring Systems
- › 1.3 Assess the Role of Technology in Disaster Monitoring
- › 1.4 Analyze Case Studies of Successful Monitoring Systems
- › 1.5 Develop Criteria for Evaluating Monitoring System Effectiveness
- › 1.6 Propose a Basic Monitoring System for a Specific Disaster Scenario

• 2 Technologies and Tools for Disaster Monitoring — 6 classes

- › 2.1 Identify Key Technologies in Disaster Monitoring
- › 2.2 Assess the Role of Sensors in Early Warning Systems
- › 2.3 Explore Data Analytics for Disaster Prediction
- › 2.4 Evaluate Geographic Information Systems (GIS) in Emergency Management
- › 2.5 Integrate Communication Tools for Real-Time Monitoring
- › 2.6 Design a Comprehensive Disaster Monitoring Framework

• 3 Data Collection and Analysis for Emergency Scenarios — 6 classes

- › 3.1 Identify Key Data Sources for Emergency Monitoring
- › 3.2 Develop Data Collection Methods for Emergency Scenarios
- › 3.3 Implement Real-time Data Collection Techniques
- › 3.4 Analyze Collected Data for Patterns and Trends
- › 3.5 Evaluate the Effectiveness of Monitoring Systems
- › 3.6 Design a Data Reporting Framework for Decision Makers

• 4 Integration of Monitoring Systems into Emergency Management Frameworks — 6 classes

- › 4.1 Define Key Components of Monitoring Systems in Emergency Management
- › 4.2 Analyze the Role of Data Integration in Enhancing Monitoring Systems
- › 4.3 Explore Technologies for Effective Disaster Monitoring
- › 4.4 Assess Risks and Benefits of Different Monitoring Approaches
- › 4.5 Develop a Framework for Integrating Monitoring Systems into Existing Protocols
- › 4.6 Create an Action Plan for Implementing Monitoring Systems in Emergency Scenarios

• 5 Evaluating and Improving Monitoring Systems Performance — 6 classes

- › 5.1 Assess Current Monitoring Systems Performance
- › 5.2 Identify Key Performance Indicators (KPIs) for Monitoring
- › 5.3 Conduct Gap Analysis in Monitoring Systems
- › 5.4 Implement Feedback Mechanisms for Continuous Improvement
- › 5.5 Evaluate the Effectiveness of Monitoring Tools and Technologies
- › 5.6 Develop Action Plans for Monitoring Systems Enhancement

• 1 Understanding Risk Analysis Frameworks in Emergency Management — 6 classes

- › 1.1 Define Key Concepts in Risk Analysis
- › 1.2 Identify Types of Risks in Emergency Management
- › 1.3 Explore Risk Assessment Methodologies
- › 1.4 Analyze the Role of Stakeholders in Risk Management
- › 1.5 Apply Risk Analysis Frameworks to Case Studies
- › 1.6 Develop Effective Risk Communication Strategies

• 2 Identifying and Categorizing Risks in Various Scenarios — 6 classes

- › 2.1 Define Key Risk Concepts and Terminology
- › 2.2 Analyze Risk Factors in Emergency Scenarios
- › 2.3 Categorize Risks: Natural Disasters vs. Human-Made Events
- › 2.4 Assessing Vulnerabilities in Different Environments
- › 2.5 Prioritize Risks Based on Impact and Likelihood
- › 2.6 Develop a Risk Categorization Framework for Real-Life Applications

• 3 Quantitative vs Qualitative Risk Assessment Techniques — 6 classes

- › 3.1 Define Quantitative Risk Assessment Techniques
- › 3.2 Explore Qualitative Risk Assessment Methods
- › 3.3 Compare and Contrast Quantitative and Qualitative Approaches
- › 3.4 Identify Key Metrics for Quantitative Risk Assessment
- › 3.5 Implement a Case Study on Qualitative Risk Assessment
- › 3.6 Apply Hybrid Techniques in Risk Analysis Scenarios

• 4 Developing Risk Mitigation Strategies and Action Plans — 6 classes

- › 4.1 Identify Key Risks in Emergency Management
- › 4.2 Analyze Risk Impact and Probability
- › 4.3 Develop Prioritized Risk Mitigation Objectives
- › 4.4 Formulate Action Plans for Risk Mitigation
- › 4.5 Implement Effective Monitoring Strategies
- › 4.6 Evaluate and Adjust Risk Mitigation Plans

• 5 Evaluating and Revising Risk Assessments Post-Disaster — 6 classes

- › 5.1 Identify Key Lessons from Recent Disasters
- › 5.2 Assessing the Effectiveness of Previous Risk Assessments
- › 5.3 Involving Stakeholders in Post-Disaster Evaluations
- › 5.4 Analyzing Data Trends for Improved Risk Management
- › 5.5 Developing Adaptive Risk Assessment Models
- › 5.6 Implementing Changes Based on Revised Risk Analyses

• 1 Foundations of Emergency Management and ISO 22326

Standards — 6 classes

- › 1.1 Define Key Principles of Emergency Management
- › 1.2 Understand ISO 22326 Standards and Their Importance
- › 1.3 Analyze the Role of Leadership in Emergency Management
- › 1.4 Identify Impending Disasters and Their Indicators
- › 1.5 Develop Effective Monitoring Strategies for Emergencies
- › 1.6 Implement a Strategic Emergency Plan Based on ISO 22326

• 2 Risk Assessment and Identification of Potential Disasters — 6

classes

- › 2.1 Define Risk Assessment — Understanding Key Concepts and Terminology
- › 2.2 Identify Potential Disasters — Analyzing Historical Data and Trends
- › 2.3 Evaluate Vulnerabilities — Assessing Community and Organizational Weaknesses
- › 2.4 Conduct Risk Analysis — Utilizing Tools and Techniques for Assessment
- › 2.5 Prioritize Risks — Developing a Framework for Ranking Potential Disasters
- › 2.6 Develop an Action Plan — Creating Strategies for Disaster Preparedness

• 3 Developing Strategic Emergency Plans and Response

Frameworks — 6 classes

- › 3.1 Analyze the Importance of Strategic Emergency Plans
- › 3.2 Identify Key Components of Effective Response Frameworks
- › 3.3 Assess Risks and Vulnerabilities in Emergency Scenarios
- › 3.4 Develop Objectives for Strategic Emergency Management
- › 3.5 Design Response Strategies Based on Identified Risks
- › 3.6 Evaluate and Revise Plans for Continuous Improvement

• 4 Implementation and Resource Allocation in Emergency Scenarios

— 6 classes

- › 4.1 Assessing Resource Needs for Emergency Situations
- › 4.2 Prioritizing Implementation Strategies in Crisis Management
- › 4.3 Identifying and Allocating Key Resources for Response Teams
- › 4.4 Developing Action Plans for Resource Management during Disasters
- › 4.5 Monitoring and Evaluating Resource Allocation Efficiency
- › 4.6 Integrating Stakeholder Collaboration in Resource Deployment

• 5 Monitoring, Evaluation, and Continuous Improvement in**Emergency Management** — 6 classes

- › 5.1 Define Key Concepts of Monitoring and Evaluation in Emergency Management
- › 5.2 Identify Indicators for Effective Emergency Response Assessment
- › 5.3 Analyze Data Collection Methods for Emergency Management Evaluation
- › 5.4 Evaluate Case Studies on Monitoring Practices in Past Disasters
- › 5.5 Design a Continuous Improvement Plan for Emergency Management Strategies
- › 5.6 Implement Feedback Mechanisms for Ongoing Emergency Management Improvement