

## RISK ASSESSMENT & CLASSIFICATION IN SUPPLY CHAIN

*“Identify, Assess, and Classify Supply Chain Risks to Build Resilience and Operational Continuity”*

### Schedule

Date	Venue	Fees (Face-to-Face)
16 – 20 Feb 2026	Dubai – UAE	USD 3495 per delegate

### Introduction

Today’s global and interconnected supply chains are more vulnerable than ever to disruptions caused by geopolitical instability, regulatory changes, pandemics, cyber threats, and supplier failures. Managing these risks requires structured risk identification, classification, and response strategies embedded within the supply chain.

This 5-day course equips supply chain, procurement, and risk management professionals with the methodologies and tools needed to proactively assess, classify, and mitigate risks across the supply chain network. Participants will learn to build supply chain risk registers, develop classification models, and create actionable risk mitigation and continuity plans.

### Objectives

By the end of this course, participants will be able to:

- Understand the types and sources of risks in global and regional supply chains
- Conduct structured risk assessments using qualitative and quantitative tools
- Develop supply chain risk classification models (e.g., probability-impact matrix)
- Create and maintain a supply chain risk register and mitigation plan
- Align supply chain risk strategies with organizational objectives and ISO 31000 principles
- Improve supplier risk monitoring and contingency planning

## Why Attend

- Gain a comprehensive framework for identifying and categorizing supply chain risks
- Learn how to build dynamic and responsive risk management systems
- Reduce supply disruptions, compliance issues, and reputational damage
- Enhance collaboration with suppliers and logistics partners to mitigate risk
- Understand and apply international best practices in supply chain risk governance

## Target Audience

This program is designed for:

- Supply chain and logistics professionals
- Procurement and sourcing managers
- Risk management officers and business continuity planners
- Operations and compliance managers
- Anyone involved in supplier evaluation, risk analysis, or supply chain continuity

## Individual Benefits

Key competencies that will be developed include:

- Structured risk identification and classification
- Risk scoring and prioritization techniques
- Use of heat maps, risk matrices, and registers
- Supplier risk evaluation and audit strategies
- Crisis response planning and communication

## Organizational Benefits

Upon completing the training course, participants will demonstrate:

- Greater supply chain resilience and operational continuity
- Enhanced regulatory compliance and reputational protection
- More proactive risk mitigation and contingency planning
- Data-driven supplier segmentation and risk control
- Alignment with enterprise risk management (ERM) frameworks

## Instructional Methodology

The course uses a blended learning approach combining case studies with practical exercises:

- Strategy Briefings – Risk frameworks, ISO guidelines, and global trends
- Case Studies – Real-world supply chain risk events and responses
- Workshops – Risk mapping, classification, and response planning
- Peer Exchange – Sector-specific risk experience sharing
- Tools – Risk registers, assessment templates, impact matrix models

## Course Outline

### DETAILED 5-DAY COURSE OUTLINE

**Training Hours: 7:30 AM - 3:30 PM** Daily Format: 3-4 Learning Modules | Coffee breaks: 09:30 & 11:15 | Lunch Buffet: 01:00 - 02:00

#### Day 1: Introduction to Supply Chain Risk

- Module 1: Understanding Supply Chain Risk Landscape (07:30 - 09:30) • Internal vs. external risks • Supply chain disruption trends and case examples
- Module 2: Types of Supply Chain Risks (09:45 - 11:15) • Operational, geopolitical, financial, environmental, and cyber risks • Supplier risk categories and classification
- Module 3: Risk Management Standards and Frameworks (11:30 - 01:00) • ISO 31000, COSO ERM, and supply chain resilience models
- Module 4: Workshop - Supply Chain Risk Brainstorm (02:00 - 03:30) • Group identification of risks across a sample supply chain

#### Day 2: Risk Assessment and Analysis

- Module 1: Qualitative and Quantitative Risk Assessment (07:30 - 09:30) • Likelihood vs. impact assessments • Using surveys, expert judgment, and scoring models
- Module 2: Risk Matrix and Heat Map Development (09:45 - 11:15) • Visualizing risk levels for prioritization • Creating dynamic and multi-dimensional heat maps
- Module 3: Tools for Risk Evaluation (11:30 - 01:00) • Failure Mode & Effects Analysis (FMEA), SWOT, and Monte Carlo basics
- Module 4: Workshop - Risk Assessment Simulation (02:00 - 03:30) • Participants assess and prioritize risks for a case scenario

#### Day 3: Risk Classification and Mapping

- Module 1: Designing a Risk Classification Model (07:30 - 09:30) • Building a risk taxonomy: critical, major, moderate, minor • Risk ownership and escalation protocols
- Module 2: Supplier Risk Segmentation (09:45 - 11:15) • Tier 1/2/3 supplier exposure • Mapping global supply dependencies
- Module 3: Risk Mapping and Visualization (11:30 - 01:00) • Geo-mapping risks, network vulnerability mapping
- Module 4: Workshop - Supplier Risk Classification (02:00 - 03:30) • Teams build a supplier risk segmentation dashboard

#### Day 4: Mitigation Strategies and Controls

- Module 1: Developing Risk Response Plans (07:30 - 09:30) • Avoidance, reduction, transfer, and acceptance strategies • Aligning response to criticality
- Module 2: Crisis Management and Continuity Planning (09:45 - 11:15) • Business continuity planning (BCP) and disaster recovery for logistics • Emergency communication protocols
- Module 3: Contractual Risk Controls and SLAs (11:30 - 01:00) • Embedding risk clauses in supplier contracts • Performance guarantees and penalties
- Module 4: Workshop - Response Plan Development (02:00 - 03:30) • Teams create mitigation and continuity plans for high-priority risks

#### Day 5: Monitoring, Reporting & Integration

- Module 1: Supply Chain Risk Monitoring Tools (07:30 - 09:30) • Dashboards, scorecards, and KPIs • Leading indicators and data sources
- Module 2: Creating a Supply Chain Risk Register (09:45 - 11:15) • Format, ownership, updating frequency • Integration with enterprise risk registers
- Module 3: Auditing and Continuous Improvement (11:30 - 01:00) • Risk audit process, incident reviews, and lessons learned
- Module 4: Final Project - Supply Chain Risk Register Presentation (02:00 - 03:30) • Group presentation of full risk classification and mitigation strategy

## Certification

Participants will receive a Certificate of Completion in Risk Assessment & Classification in Supply Chain, validating their competence in proactively managing supply chain risks using structured and industry-aligned methodologies.

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