

Supply Chain Risk & Resilience Management

Professional Training Course

Skillslab Training Provider

Skills for Tomorrow's World 



Course Description

Introduction

In an era of geopolitical uncertainty, supplier disruption, transportation constraints, cyber threats, natural disasters, market volatility, and rapidly changing customer expectations, supply chain resilience has become a strategic priority for governments and organizations worldwide. Traditional supply chain models focused primarily on cost and efficiency are no longer sufficient. Organizations must now build supply networks capable of anticipating disruption, absorbing shocks, maintaining critical operations, and recovering rapidly.

The Supply Chain Risk & Resilience Management training course provides professionals and decision-makers with a comprehensive framework for identifying, assessing, mitigating, monitoring, and responding to supply chain risks. The program equips participants with practical tools for supply chain risk assessment, supplier risk management, business continuity, scenario planning, disruption response, network resilience, critical dependency analysis, and operational recovery.

Designed for government entities, ministries, public sector organizations, large corporations, industrial organizations, utilities, healthcare providers, and executive professionals, this advanced course connects supply chain risk management with strategic organizational resilience. Participants will learn how to identify vulnerabilities across suppliers, logistics networks, inventory, technology, infrastructure, and critical operations, while developing practical strategies to protect continuity and service delivery.

The executive-level value of this course lies in its ability to help organizations move from reactive crisis management to proactive resilience planning. By integrating risk intelligence, supplier diversification, contingency planning, supply chain visibility, scenario analysis, and structured response mechanisms, organizations can reduce disruption exposure, protect critical operations, improve decision-making, and strengthen long-term organizational resilience.

Course Objectives

This course is designed to enable participants to:

- Understand the strategic importance of supply chain risk and resilience management.
- Identify internal and external risks across end-to-end supply chains.
- Assess supply chain vulnerabilities and critical dependencies.
- Prioritize risks according to likelihood, impact, and operational criticality.
- Evaluate supplier, sourcing, logistics, inventory, technology, and geopolitical risks.
- Develop practical risk mitigation and resilience strategies.
- Strengthen supplier and third-party risk management.
- Improve supply chain visibility and early warning capabilities.
- Design contingency and business continuity plans.
- Prepare for supply disruptions through scenario planning and simulations.
- Improve crisis response and operational recovery.
- Develop meaningful supply chain risk and resilience indicators.
- Build a practical roadmap for long-term supply chain resilience.

Course Content

Day 1: Supply Chain Risk and Resilience Fundamentals

- Understanding the modern supply chain risk environment.
- The strategic importance of supply chain resilience.
- The difference between risk management, continuity, and resilience.
- Understanding end-to-end supply chain dependencies.
- Internal and external sources of supply chain risk.
- Strategic, operational, financial, technological, and environmental risks.
- Supplier and third-party dependencies.
- Transportation and logistics disruption risks.
- Inventory and capacity vulnerabilities.
- Geopolitical and cross-border supply risks.

- Cyber and digital supply chain threats.
- Understanding systemic and interconnected risks.
- Assessing organizational resilience maturity.
- Common reasons supply chains fail during disruption.
- Practical exercise: mapping the organization's supply chain risk landscape.

Day 2: Risk Identification, Assessment, and Critical Dependency Analysis

- Establishing a structured supply chain risk assessment process.
- Mapping critical products, materials, services, and suppliers.
- Identifying single points of failure.
- Understanding supplier concentration and geographic exposure.
- Assessing critical infrastructure and logistics dependencies.
- Identifying technology and information system dependencies.
- Evaluating operational consequences of supply disruption.
- Assessing likelihood, impact, velocity, and duration.
- Understanding risk interdependencies and cascading effects.
- Prioritizing risks according to operational criticality.
- Developing supply chain risk registers.
- Applying risk heat maps and vulnerability assessments.
- Defining risk ownership and accountability.
- Identifying acceptable and unacceptable levels of exposure.
- Practical workshop: conducting a supply chain risk and vulnerability assessment.

Day 3: Supplier Risk Management and Resilient Sourcing Strategies

- Understanding supplier risk across the lifecycle.
- Evaluating supplier financial, operational, quality, and capacity risks.
- Assessing geographic and political exposure.
- Understanding dependency on critical and strategic suppliers.

- Segmenting suppliers according to risk and importance.
- Developing supplier risk assessment criteria.
- Monitoring supplier performance and emerging warning signals.
- Strengthening supplier qualification and due diligence.
- Managing single-source and sole-source dependencies.
- Developing alternative and backup suppliers.
- Applying multiple sourcing and geographic diversification strategies.
- Balancing resilience, cost, quality, and efficiency.
- Building collaborative supplier continuity plans.
- Managing risks beyond direct suppliers.
- Practical workshop: developing a supplier risk mitigation strategy.

Day 4: Disruption Preparedness, Business Continuity, and Crisis Response

- Understanding the lifecycle of a supply chain disruption.
- Identifying early warning indicators.
- Developing disruption detection and escalation mechanisms.
- Establishing supply chain emergency response structures.
- Defining crisis roles, responsibilities, and decision rights.
- Developing contingency plans for critical supply chain scenarios.
- Managing supplier failure and material shortages.
- Responding to transport and logistics disruptions.
- Managing sudden demand increases and capacity constraints.
- Protecting critical inventory and strategic reserves.
- Developing alternative routes, facilities, and operating arrangements.
- Prioritizing customers, services, and critical operations during crises.
- Improving crisis communication and stakeholder coordination.
- Conducting scenario planning and disruption simulations.
- Practical workshop: managing a major supply chain disruption scenario.

Day 5: Building Resilient Supply Chains and Sustaining Performance

- Moving from reactive risk management to proactive resilience.
- Designing resilient supply chain networks.
- Building redundancy and flexibility into critical operations.
- Balancing efficiency with resilience.
- Developing appropriate inventory and buffer strategies.
- Improving end-to-end supply chain visibility.
- Using data and analytics for risk monitoring.
- Establishing supply chain control and coordination mechanisms.
- Developing supply chain resilience performance indicators.
- Measuring recovery time and continuity performance.
- Conducting post-disruption reviews and lessons learned.
- Updating risk assessments after significant changes.
- Building a culture of preparedness and resilience.
- Integrating supply chain resilience with organizational strategy.
- Final workshop: developing a supply chain risk and resilience roadmap.

Target Audience

This course is designed for professionals responsible for supply chains, procurement, logistics, risk, continuity, operations, and organizational resilience, including:

- Supply chain managers.
- Procurement and sourcing managers.
- Logistics and distribution managers.
- Operations managers.
- Supplier relationship managers.
- Strategic sourcing professionals.
- Inventory and materials management professionals.

- Risk management specialists.
- Business continuity professionals.
- Crisis management professionals.
- Procurement and contract professionals.
- Warehouse and transportation managers.
- Project and program managers.
- Operational excellence professionals.
- Strategy and performance professionals.
- Government and public sector supply chain professionals.
- Executives responsible for organizational resilience and critical operations.

Course Requirements

Participants should have a general understanding of supply chain management, procurement, logistics, operations, inventory, risk management, business continuity, or organizational performance.

Previous experience in supply chain risk management is beneficial but not mandatory. Participants are encouraged to bring examples of current supplier dependencies, logistics challenges, disruption scenarios, critical materials, continuity concerns, or resilience initiatives for discussion during practical exercises and workshops.

Training Methodology

The course uses an interactive, practical, and implementation-focused methodology designed to help participants apply supply chain risk and resilience principles in real organizational environments.

The training methodology includes:

- Expert-led presentations and guided discussions.
- Real-world supply chain disruption case studies.
- Supply chain risk mapping exercises.
- Critical dependency assessments.
- Supplier risk evaluation activities.

- Risk prioritization workshops.
- Scenario planning and disruption simulations.
- Business continuity planning exercises.
- Crisis response and decision-making scenarios.
- Resilience performance measurement activities.
- Group problem-solving workshops.
- Workplace implementation and action planning.

The methodology ensures that participants not only understand supply chain risk and resilience concepts but can also apply them to identify vulnerabilities, prepare for disruption, protect critical operations, and improve organizational recovery capabilities.

Learning Outcomes

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

- Explain the strategic importance of supply chain risk and resilience.
- Identify major risks across end-to-end supply chains.
- Map critical dependencies and single points of failure.
- Assess and prioritize supply chain vulnerabilities.
- Evaluate supplier and third-party risks.
- Develop practical risk mitigation strategies.
- Reduce dependency on vulnerable supply sources.
- Improve supplier diversification and sourcing resilience.
- Establish early warning and monitoring mechanisms.
- Develop contingency plans for critical disruptions.
- Coordinate effective supply chain crisis responses.
- Apply scenario planning to emerging risks.
- Develop meaningful supply chain resilience indicators.
- Improve recovery and continuity capabilities.
- Build a practical long-term supply chain resilience roadmap.

Instructor Profile

An internationally certified expert with extensive practical and consulting experience.

The instructor brings extensive expertise in supply chain risk management, organizational resilience, strategic sourcing, supplier risk, logistics continuity, crisis management, business continuity, operational risk, and supply chain transformation across complex public and private sector environments.

The course delivery combines strategic insight with practical implementation experience, enabling participants to understand not only how supply chain risks should be identified and assessed, but also how organizations can prepare for disruption, protect critical operations, recover effectively, and build stronger long-term resilience.

Contact Us

For registration inquiries, upcoming dates, or group pricing, please contact us:

Website

www.skillslab-training.com

Email

info@skillslab-training.com

WhatsApp

+966 559 653 447

Generated by Skillslab Training

info@skillslab-training.com | WhatsApp: +966 559 653 447

www.skillslab-training.com