Transport and Logistics Risk Management Training Course

Professional Development Training Course Outline

Category	Risk Management	**Duration**	5 Days
Base Fee	$1,500 USD	**Delivery Mode**	Online / On-site Hybrid

Course Introduction

In an increasingly complex and interconnected global economy, the Transport and Logistics sector stands as the backbone of trade, but it is also exceptionally vulnerable to disruptions. This vulnerability is magnified by global Geopolitical Instability, rapid Digital Transformation, and the accelerating threat of Climate Change risks. Effective Risk Management is no longer a peripheral function but a Strategic Imperative for maintaining Supply Chain Resilience and ensuring Business Continuity. Organizations must shift from reactive problem-solving to proactive Predictive Analytics and Scenario Planning to safeguard assets, maintain service levels, and protect their brand reputation from ever-present threats like Cybersecurity breaches, cargo Theft and Pilferage, and complex regulatory compliance hurdles.

Transport and Logistics Risk Management Training Course is desinged to empower logistics and transport professionals with cutting-edge tools and a systematic Risk Assessment methodology to navigate this volatile environment. Participants will gain practical expertise in developing Robust Mitigation Strategies, leveraging Real-Time Visibility technologies like IoT and Digital Twins, and implementing a comprehensive Risk Governance framework that integrates financial, operational, and ethical considerations. By focusing on Agile Logistics and building an organizational culture of Proactive Risk Awareness, the course ensures that attendees can transform potential threats into opportunities for operational optimization, ultimately driving Sustainable Supply Chain performance and securing a competitive advantage in a demanding market.

Programme Curriculum

Transport and Logistics Risk Management Training Course

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Course Duration

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Course Objectives

1. Master Systematic Risk Identification across the entire end-to-end logistics value chain.
2. Develop expertise in Quantitative and Qualitative Risk Assessment methodologies.
3. Design and implement Supply Chain Resilience and hardening strategies.
4. Formulate effective Business Continuity Plans (BCP) for operational disruptions.
5. Leverage Predictive Analytics and AI for proactive risk forecasting and Demand Sensing.
6. Mitigate Cybersecurity risks and data integrity threats in digital logistics systems.
7. Understand and ensure Regulatory Compliance in global cross-border transportation.
8. Implement strategies to prevent Cargo Theft and Pilferage and enhance transit security.
9. Apply Journey Risk Management for high-value or high-risk shipments.
10. Design a robust Crisis Communication and Response framework.
11. Integrate ESG (Environmental, Social, Governance) Risk into logistics planning for Green Logistics.
12. Establish Risk Governance structures and KPIs for continuous monitoring and improvement.
13. Analyze and manage financial risks, including Transit Insurance and contractual liability.

Target Audience

1. Logistics and Supply Chain Managers
2. Risk Management and Compliance Officers
3. Fleet and Transport Operations Managers
4. Customs and Freight Forwarding Professionals
5. Warehouse and Distribution Center Managers
6. Procurement and Sourcing Specialists
7. Security and Safety Directors
8. Business Continuity and Resilience Coordinators

Course Modules

1. Fundamentals of Logistics Risk and Governance

- Risk Classification
- ISO 31000 Risk Management Principles in a logistics context.
- Developing a Risk Register and Risk Matrix tailored to transport modes.
- Case Study: Analyzing the ripple effect of a major single-point-of-failure on global supply chain and the resulting financial and reputational damage.
- Introduction to Risk Appetite and tolerance setting for logistics decisions.

2. Risk Assessment and Predictive Analytics

- Techniques for Scenario Planning and 'War Gaming' supply chain disruptions.
- Utilizing FMEA (Failure Mode and Effects Analysis) for transport processes.
- Implementing IoT Sensors and Telematics for real-time risk data collection.
- Case Study: Using historical data and Machine Learning to predict high-risk routes for cargo theft, prompting a shift to different carriers or security protocols.
- Applying Root Cause Analysis to past transportation incidents and near-misses.

3. Operational and Environmental Risk Mitigation

- Strategies for Route and Supplier Diversification to avoid single points of failure.
- Implementing Driver Behavior Monitoring and fatigue management protocols.
- Designing Climate-Resilient Logistics Networks
- Case Study: A food distributor mitigating temperature excursion risk in the Cold Chain using redundant monitoring and contingency re-routing during a power grid failure.
- Developing effective Warehouse Security and access control measures to combat internal pilferage.

4. Supply Chain Security and Geopolitical Risk

- Best practices for Cyber Resilience in Transport Management Systems and Warehouse Management Systems
- C-TPAT/AEO security standards and customs compliance risk.
- Strategies for managing disruptions due to Geopolitical Tensions
- Case Study: Managing the complex compliance, insurance, and cargo security risks of shipping high-value electronic goods through politically unstable regions.
- Protection against Counterfeiting and ensuring product authenticity in the supply chain.

5. Financial and Contractual Risk Management

- Evaluating and optimizing Marine Cargo Insurance and carrier liability limits.
- Understanding the financial implications of Incoterms
- Strategies for managing foreign exchange, fuel price volatility, and contractual non-performance risks.
- Case Study: An organization reviewing its carrier contracts and insurance policies after a significant loss due to 'Act of God' to identify coverage gaps and improve future contract language.
- Budgeting for Contingency Reserves and emergency transportation capacity.

6. Emergency Response and Crisis Management

- Developing comprehensive Incident Command Systems for logistics crises.
- Protocols for managing serious incidents.
- Conducting effective Tabletop Simulations and stress-testing BCPs.

- Case Study: Simulating a scenario where a critical distribution center is incapacitated by a flood, requiring rapid activation of secondary sites and alternative transport modes.
- Post-incident Learnings and Remedial Actions for continuous improvement.

7. Digital Tools and Future Risk Landscape

- Exploring the role of Digital Twins for supply chain visualization and risk simulation.
- The impact of Blockchain on supply chain transparency and combating fraud.
- Assessing risks related to Autonomous Vehicles and robotics integration.
- Case Study: Implementing a Logistics Control Tower using AI and Big Data to provide end-to-end real-time visibility and predictive alerts across multi-modal shipments.
- Risk planning for future technological shifts like Hyperloop or commercial drones.

8. Legal, Regulatory, and Compliance Risk

- Review of international transport conventions
- Managing Customs Clearance Risk and classification errors.
- Ethical and social compliance.
- Case Study: A company facing substantial fines due to incorrect hazardous materials documentation and training, leading to an overhaul of its compliance culture.
- Managing data privacy risks related to tracking, employee, and customer information

Training Methodology

This course employs a participatory and hands-on approach to ensure practical learning, including:

- Interactive lectures and presentations.
- Group discussions and brainstorming sessions.
- Hands-on exercises using real-world datasets.
- Role-playing and scenario-based simulations.
- Analysis of case studies to bridge theory and practice.
- Peer-to-peer learning and networking.
- Expert-led Q&A sessions.
- Continuous feedback and personalized guidance.

Register as a group from 3 participants for a Discount

Send us an email: info@fineskilltrainingcenter.org or call +254769199797

Certification

Upon successful completion of this training, participants will be issued with a globally- recognized certificate.

Tailor-Made Course

We also offer tailor-made courses based on your needs.

Key Notes

a. The participant must be conversant with English.

b. Upon completion of training the participant will be issued with an Authorized Training Certificate

c. Course duration is flexible and the contents can be modified to fit any number of days.

d. The course fee includes facilitation training materials, 2 coffee breaks, buffet lunch and A Certificate upon successful completion of Training.

e. One-year post-training support Consultation and Coaching provided after the course.

f. Payment should be done at least a week before commence of the training, to Fineskill Training Center account, as indicated in the invoice so as to enable us prepare better for you.

Upcoming Scheduled Sessions

Start Date	End Date	Location	Price
23 Nov 2026	27 Nov 2026	Online	$1,000
23 Nov 2026	27 Nov 2026	Physical	$1,500
23 Nov 2026	27 Nov 2026	Physical	$3,000
23 Nov 2026	27 Nov 2026	Physical	$3,000
23 Nov 2026	27 Nov 2026	Physical	$6,000
23 Nov 2026	27 Nov 2026	Physical	$4,500
23 Nov 2026	27 Nov 2026	Physical	$6,000
23 Nov 2026	27 Nov 2026	Physical	$6,000

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