

PLANNING & COST-EFFECTIVE MANAGEMENT OF INTEGRATED LOGISTICS

“Driving Efficiency, Visibility, and Value Across the Supply Chain”

Schedule

Date	Venue	Fees (Face-to-Face)
09 - 12 Mar 2026	Doha, Qatar	USD 2995 per delegate

Introduction

Integrated logistics plays a critical role in aligning procurement, warehousing, transportation, and inventory to ensure seamless flow of goods and services across the supply chain. As businesses face rising costs, dynamic markets, and global disruptions, effective planning and cost management of logistics has become essential for competitive advantage.

This four-day course is designed to equip logistics, supply chain, and operations professionals with the tools and insights needed to optimize logistics operations. Participants will gain a practical understanding of integrated logistics planning, transportation management, cost analysis, technology adoption, and performance improvement across logistics functions.

Objectives

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

- Understand the key components and functions of integrated logistics systems
- Develop cost-effective strategies for transportation, warehousing, and distribution
- Apply planning techniques to align logistics with organizational objectives
- Identify and implement cost-saving opportunities across logistics operations
- Leverage KPIs and technology to improve logistics performance and visibility

Why Attend

- Reduce total logistics costs while improving service levels
- Gain practical knowledge of end-to-end logistics integration
- Improve coordination between inventory, transportation, and warehousing
- Strengthen data-driven decision-making using logistics KPIs
- Discover modern tools and techniques to enhance supply chain agility

Target Audience

This program is designed for:

- Logistics, transportation, and distribution managers
- Supply chain and operations professionals
- Procurement and inventory planners
- Warehouse, fleet, and shipping supervisors
- Anyone involved in planning, managing, or improving logistics performance

Individual Benefits

Key competencies that will be developed include:

- Logistics cost analysis and reduction techniques
- Integrated planning across supply chain functions
- Performance monitoring and improvement through KPIs
- Use of digital tools and automation in logistics
- Risk mitigation and contingency planning in logistics

Organizational Benefits

Upon completing the training course, participants will demonstrate:

- Streamlined logistics processes and reduced bottlenecks
- Lower operating costs through smarter resource utilization
- Improved service delivery through better planning and control
- Enhanced cross-functional collaboration across logistics areas
- Increased responsiveness to supply chain disruptions and demand changes

Instructional Methodology

The course follows a blended learning approach combining theory with practice:

- Strategy Briefings - Logistics frameworks, planning principles, and cost optimization
- Case Studies - Real-world examples of logistics transformation and cost control
- Workshops - Route planning, cost breakdown analysis, and logistics modeling
- Peer Exchange - Collaborative exercises to tackle logistics challenges
- Tools - Templates for logistics planning, cost analysis, and KPI tracking

Course Outline

Detailed 4-Day Course Outline

Training Hours: 07:30 AM – 3:30 PM **Daily Format:** 3-4 Learning Modules | Coffee breaks: 09:30 & 11:15 | Lunch Buffet: 01:00 – 02:00

Day 1: Logistics Planning and Integration

- Module 1: Principles of Integrated Logistics (07:30 – 09:30) • Defining logistics and supply chain integration • Key functions: sourcing, warehousing, transportation, distribution • Aligning logistics with service and cost objectives
- Module 2: Strategic Logistics Planning (09:45 – 11:15) • Demand planning and logistics forecasting • Network design and facility location decisions • Balancing efficiency with responsiveness
- Module 3: Workshop – Building a Logistics Strategy Map (11:30 – 01:00) • Identify key logistics drivers and strategic goals
- Module 4: Inventory and Logistics Coordination (02:00 – 03:30) • Impact of inventory on transportation and warehousing • Planning inventory flow through logistics channels

Day 2: Transportation and Distribution Management

- Module 1: Transportation Planning and Control (07:30 – 09:30) • Modes of transport and selection criteria • Route planning, fleet management, and consolidation • Freight cost structures and negotiation
- Module 2: Cost-Effective Distribution Systems (09:45 – 11:15) • Centralized vs decentralized distribution • Order fulfillment and last-mile logistics • Cross-docking, dropshipping, and direct delivery
- Module 3: Workshop – Transportation Cost Analysis (11:30 – 01:00) • Break down logistics costs and identify savings opportunities
- Module 4: Carrier and Vendor Performance Management (02:00 – 03:30) • Key metrics for evaluating transport providers • Service level agreements (SLAs) and penalties

Day 3: Warehouse Operations and Logistics Cost Optimization

- Module 1: Warehouse Layout and Operations (07:30 – 09:30) • Warehouse functions and storage systems • Receiving, put-away, picking, and shipping processes • Lean warehousing and layout optimization
- Module 2: Logistics Costing and Budgeting (09:45 – 11:15) • Fixed vs variable logistics costs • Budgeting logistics activities and cost drivers • Cost-to-serve analysis
- Module 3: Workshop – Logistics Cost Reduction Planning (11:30 – 01:00) • Develop a cost optimization plan using case data
- Module 4: Reverse Logistics and Returns Management (02:00 – 03:30) • Managing returns, repairs, and recycling • Impact on cost, customer satisfaction, and sustainability

Day 4: Technology, KPIs, and Continuous Improvement

- Module 1: Technology in Logistics (07:30 – 09:30) • WMS, TMS, GPS, RFID, and barcode systems • Automation, IoT, and AI in logistics • Cloud platforms and data integration
- Module 2: Logistics KPIs and Performance Management (09:45 – 11:15) • Defining and tracking key logistics metrics • Dashboard design and reporting best practices • Benchmarking logistics performance
- Module 3: Workshop – Designing a Logistics KPI Dashboard (11:30 – 01:00) • Select and build KPIs for a logistics operation
- Module 4: Certification and Wrap-Up (02:00 – 03:30) • Course review and Q&A • Action planning for logistics improvements • Certificate distribution

Certification

Participants will receive a Certificate of Completion in Planning & Cost-Effective Management of Integrated Logistics, validating their capability to plan, manage, and optimize logistics operations for enhanced service, lower cost, and supply chain performance.

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