



Procurement & Supply Chain Operations

Logistics and Transportation Management

Course Introduction

Effective logistics and transportation management keeps a company's supply chain running smoothly. With successful transportation execution, inventory can be kept lean and can be moved in and out of a warehouse quickly and efficiently. This improves warehouse efficiency, reduces overall lead time and saves money on storage. Supply chain disruptions can be costly while hurting customer satisfaction and loyalty. Creating effective inventory flow through transportation avoids damage caused by the disruption.

This training course is designed to provide participants with the latest logistics models and practices. The course's main focus is on the optimization of transport, warehouse and inventory management activities. In addition, it covers the Supply Chain Operations Reference (SCOR) framework for managing logistics key performance indicators.

Target Audience

- Procurement Manager / Supervisor
- Procurement officer / assistant
- Purchase officer
- Vendor manager
- Supplier relationship officer
- Purchase coordinator
- International Buyer
- Category purchasing manager
- Supply chain officer- Procurements
- Logistics Professionals
- Distribution Managers
- Working in this field
- These who wants to start a career in this field

Learning Objectives

- Gain a comprehensive understanding of the modern supply chain and logistics trends as a basis for sustainable performance
- Formulate go-to-market strategies for different product categories based on the associated supply risk and financial impact of each
- Apply qualitative and quantitative material forecasting techniques for a streamlined logistical operation
- Understand the role of transportation in logistics and identify opportunities for operational improvement
- Learn the role of warehousing, focusing on operational throughput and performance optimization
- Apply the Supply Chain Operations Reference (SCOR) framework to manage strategic, operational and tactical facets of logistics

Course Outline

- **Day 01**

- Logistics trends and practices**

- Logistics overview
 - Logistics, supply chain and the organization
 - Strategic, tactical and operational elements of logistics
 - Sustainable logistics
 - Concepts in logistics
 - 3rd Party Logistics (3PL)
 - 4th Party Logistics (4PL)

- **Day 02**

- Transport management**

- Objectives of transport management
 - Costs associated with transport management
 - Transportation modes and types

- Efficient and effective transportation
- Matching the strategic service level
- Drawing transportation routes
- Managing cubing of cargo
- Considerations for international transportation
- Working with Incoterms 2010

• Day 03

Warehousing operations

- Warehousing network design
- Configuration of warehousing space
- Value adding activities
- Stockpiling, spot stocking and assortments
- Cross docking, break bulking and consolidation
- Mixing, postponement and assembly-to-order
- Warehouse activity profiling
- Warehousing cost calculation
- Sustainable warehousing practices

• Day 04

Inventory management

- Materials management scope
- Objectives of materials management
- Inventory types and classification
- Materials management challenges
- Material replenishment strategies
- Make-to-stock
- Make-to-order
- Assemble-to-order
- Design-to-order
- Design for the supply chain
- Design for the environment

• Day 05

Logistics and performance management

- The SCOR framework
- Identifying high level SCOR metrics
- Customizing low level SCOR metrics
- Managing targets

◦ Initiative for performance improvement

Confirmed Sessions

FROM	TO	DURATION	FEES	LOCATION
May 19, 2025	May 23, 2025	5 days	4250.00 \$	UAE - Dubai
Aug. 11, 2025	Aug. 15, 2025	5 days	5950.00 \$	USA - Texas
Nov. 3, 2025	Nov. 7, 2025	5 days	4250.00 \$	KSA - Jeddah