

# THIRD-PARTY LOGISTICS (3PL), WAREHOUSE, TRANSPORTATION AND SUPPLY CHAIN MANAGEMENT

*“Optimizing Logistics Operations and Partner Collaboration for Supply Chain Agility and Cost Efficiency”*

## Schedule

Date	Venue	Fees (Face-to-Face)
02 - 06 Nov 2026	Dubai - UAE	USD 3495 per delegate

► **Available delivery methods:** Face-to-Face & Online Training

## Introduction

Third-party logistics (3PL) providers have become essential to modern supply chains—helping businesses reduce costs, increase flexibility, and expand market reach. However, managing 3PL relationships, warehouse operations, transportation efficiency, and overall supply chain integration requires advanced strategic and operational skills.

This intensive 5-day course equips logistics, warehouse, and supply chain professionals with practical tools to assess, manage, and optimize 3PL partnerships, distribution centers, and transport systems. Participants will explore vendor selection, service level agreements (SLAs), digital tracking, and end-to-end performance measurement across supply chain functions.

## Objectives

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

- Evaluate, select, and manage third-party logistics providers effectively
- Optimize warehouse layout, inventory flow, and picking strategies
- Streamline transportation planning and last-mile delivery
- Develop KPIs for warehouse, transportation, and 3PL performance
- Align logistics operations with overall supply chain strategy and customer service goals

## Why Attend

- Reduce logistics and inventory holding costs through smarter outsourcing
- Improve fulfillment speed, accuracy, and transportation reliability
- Build transparency and accountability with logistics partners
- Apply best practices in contract management and service measurement
- Integrate logistics into a lean, responsive supply chain

## Target Audience

This program is designed for:

- Logistics and Distribution Managers
- Warehouse and Transportation Supervisors
- Procurement and Supply Chain Executives
- Inventory and Operations Planners
- Anyone responsible for logistics outsourcing, warehousing, or delivery

## Individual Benefits

Key competencies that will be developed include:

- 3PL evaluation, contracting, and performance oversight
- Warehouse slotting, inventory control, and space utilization
- Route planning and transport mode selection
- Use of logistics KPIs and dashboards for improvement
- Vendor negotiation and SLA enforcement

## Organizational Benefits

Upon completing the training course, participants will demonstrate:

- Reduced logistics costs and improved delivery performance
- Better alignment between warehousing, transport, and supply planning
- Enhanced service quality from 3PL and freight partners
- Improved use of warehouse assets and inventory accuracy
- Streamlined operations across supply chain touchpoints

## Instructional Methodology

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

- Strategy Briefings - Logistics models, 3PL frameworks, and transportation networks
- Case Studies - Successful and failed 3PL relationships and logistics transformation
- Workshops - Warehouse layout planning, SLA design, and route simulation
- Peer Exchange - Sharing logistics strategies and regional challenges
- Tools - Checklists, KPIs, contract templates, and flow diagrams

## Course Outline

### DETAILED 5-DAY COURSE OUTLINE

**Training Hours:** 07:30 AM – 03:30 PM **Daily Format:** 3–4 Learning Modules | Coffee breaks: 09:30 & 11:15 | Lunch Buffet: 01:00 – 02:00

#### Day 1: 3PL Outsourcing Strategy and Vendor Management

- Module 1: Role of 3PL in Modern Supply Chains (07:30 – 09:30) • Scope, benefits, and risks of logistics outsourcing
- Module 2: Evaluating and Selecting 3PL Partners (09:45 – 11:15) • RFI/RFP processes, qualification criteria, and tendering
- Module 3: Designing SLAs and KPIs (11:30 – 01:00) • Service definitions, penalties, and continuous improvement clauses
- Module 4: Workshop – 3PL Scorecard and SLA Drafting (02:00 – 03:30) • Building measurable agreements for logistics services

#### Day 2: Warehouse Operations and Inventory Control

- Module 5: Warehouse Layout and Storage Planning (07:30 – 09:30) • Zoning, racking, space optimization, and flow
- Module 6: Inventory Management and Control Techniques (09:45 – 11:15) • Stock accuracy, cycle counting, and slotting systems
- Module 7: Order Picking, Packing, and Dispatch (11:30 – 01:00) • Batch picking, FIFO/LIFO, and performance metrics
- Module 8: Workshop – Warehouse Efficiency Simulation (02:00 – 03:30) • Analyzing a warehouse layout for improvements

#### Day 3: Transportation and Distribution Network Design

- Module 9: Transportation Planning and Routing (07:30 – 09:30) • Mode selection, load planning, and cost control
- Module 10: Last-Mile and Delivery Optimization (09:45 – 11:15) • Challenges in urban delivery, parcel tracking, and responsiveness
- Module 11: Carrier Management and Freight Contracts (11:30 – 01:00) • Tariff models, fuel surcharges, and carrier evaluation
- Module 12: Workshop – Transport Cost Analysis and Route Simulation (02:00 – 03:30) • Optimizing delivery routes with case data

#### Day 4: Technology, Visibility, and Compliance

- Module 13: Logistics Technology Systems (07:30 – 09:30) • WMS, TMS, GPS, RFID, and integration with ERP
- Module 14: Real-Time Tracking and Data-Driven Decisions (09:45 – 11:15) • Dashboards, alerts, and performance reporting
- Module 15: Compliance and Safety in Logistics (11:30 – 01:00) • Customs, driver safety, load integrity, and documentation
- Module 16: Workshop – Building a Logistics Dashboard (02:00 – 03:30) • Creating a real-time performance report with KPIs

#### Day 5: Supply Chain Alignment and Logistics Transformation

- Module 17: Aligning Logistics with Demand Planning (07:30 – 09:30) • Sales and operations planning (S&OP) linkage
- Module 18: Cost-to-Serve and Profitability by Channel (09:45 – 11:15) • Analyzing logistics contribution to business margins
- Module 19: Final Case Study – Integrated Logistics Strategy (11:30 – 01:00) • Group project on optimizing 3PL, warehousing, and transport
- Module 20: Review and Action Planning (02:00 – 03:30) • Individual roadmaps for improving logistics operations

## Certification

Participants will receive a Certificate of Completion in Third-Party Logistics (3PL), Warehouse, Transportation & Supply Chain Management, validating their skills in building, managing, and optimizing end-to-end logistics solutions.

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