Logistics and Transportation Modules in ERP Training Course

Professional Development Training Course Outline

Category	Enterprise Resource Planning (ERP)	**Duration**	5 Days
Base Fee	$1,500 USD	**Delivery Mode**	Online / On-site Hybrid

Course Introduction

In today’s rapidly evolving supply chain ecosystem, organizations demand streamlined logistics and transportation operations to maintain a competitive edge. ERP systems play a pivotal role in optimizing inventory management, route planning, freight management, and real-time shipment tracking, ensuring end-to-end operational efficiency. Logistics and Transportation Modules in ERP Training Course empowers participants to master the logistics and transportation modules in ERP, equipping them with actionable insights, strategic decision-making capabilities, and digital transformation skills critical for modern supply chain management.

Through a blend of hands-on exercises, case studies, and interactive simulations, learners will gain expertise in integrated transportation planning, warehouse optimization, regulatory compliance, and advanced analytics within ERP platforms. By the end of this program, participants will confidently leverage ERP solutions to reduce costs, improve delivery timelines, enhance customer satisfaction, and drive sustainable logistics operations. This course is designed to produce professionals capable of transforming logistics workflows into data-driven, efficient, and scalable processes.

Programme Curriculum

Logistics and Transportation Modules in ERP Training Course

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Course Duration

5 days

Course Objectives

1. Understand the end-to-end logistics and transportation processes in ERP.
2. Master warehouse management and inventory optimization within ERP systems.
3. Learn transportation planning, scheduling, and route optimization using ERP tools.
4. Gain expertise in freight management and carrier selection strategies.
5. Implement real-time shipment tracking and monitoring.
6. Enhance supply chain visibility and data-driven decision-making.
7. Apply regulatory compliance and documentation management in ERP.
8. Optimize cost control and operational efficiency in logistics operations.
9. Explore integration of logistics with procurement, sales, and finance modules.
10. Use analytics and reporting for predictive logistics planning.
11. Develop strategic warehouse layout and inventory movement analysis.
12. Apply automation and digital tools for scalable logistics operations.
13. Leverage ERP dashboards and KPIs for performance monitoring and continuous improvement.

Target Audience

1. Supply Chain Managers
2. Logistics Coordinators
3. ERP Implementation Consultants
4. Warehouse Managers
5. Transportation Planners
6. Operations Managers
7. IT Professionals working with ERP Systems
8. Students and Professionals aspiring to specialize in Supply Chain & Logistics

Course Modules

Module 1: Introduction to Logistics & Transportation in ERP

- Overview of ERP logistics functionality
- Role of transportation and warehouse modules
- Integration with other ERP modules
- Key industry trends in logistics management
- Case Study: ERP implementation in a 3PL company

Module 2: Warehouse Management & Inventory Optimization

- Stock categorization and tracking
- Automated replenishment and cycle counting
- Bin and location management
- Inventory costing methods
- Case Study: Reducing stock-outs using ERP

Module 3: Transportation Planning & Scheduling

- Route optimization and carrier selection
- Delivery scheduling and fleet management
- Load planning and consolidation
- Freight cost calculations
- Case Study: Optimizing multi-city delivery routes

Module 4: Freight & Carrier Management

- Contract management and carrier selection
- Freight rate comparison and cost analysis
- Vendor performance tracking
- Compliance with shipping regulations
- Case Study: Selecting the most cost-effective carriers

Module 5: Real-Time Shipment Tracking & Monitoring

- Tracking shipments across geographies
- Integration with IoT and GPS devices
- Alerts and exception management
- Reporting and analytics
- Case Study: Reducing delays with proactive tracking

Module 6: Compliance & Documentation Management

- Understanding regulatory requirements
- Automating shipping documentation
- Managing customs and excise processes
- Audit trails and reporting
- Case Study: ERP-driven compliance in import/export operations

Module 7: Analytics, Reporting & KPI Monitoring

- Designing logistics dashboards
- Key performance indicators for logistics efficiency
- Predictive analytics for transportation planning
- Reporting automation
- Case Study: Improving delivery KPIs using ERP analytics

Module 8: Advanced ERP Tools & Automation in Logistics

- Workflow automation for warehouse and transport
- Integration with AI and machine learning for logistics

- Mobile ERP solutions for field operations
- Continuous improvement and process optimization
- Case Study: Implementing AI-based predictive maintenance

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

Start Date	End Date	Location	Price
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

Ready to enroll or request a customized program? Book online or contact us:

Register Online Now

Email: info@fineskilltrainingcenter.com | Website: www.fineskilltrainingcenter.com