

TRAINING TITLE

MANAGING FREIGHT AND WAREHOUSE OPERATION

Training Duration

5 days

Training Venue and Dates

SL115	Managing Freight and Warehouse operation	5	27-31 Jan. 2025	\$5,500	DUBAI, UAE
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In any of the 4 or 5-star hotels. The exact venue will be informed later.

Training Fees

- \$5,500 per participant for Public Training includes Materials/Handouts, tea/coffee breaks, refreshments & Lunch

Training Certificate

Define Management Consultants Certificate of course completion will be issued to all attendees.

TRAINING DESCRIPTION

The Managing Freight and Warehouse Operations course is designed to provide professionals with the necessary skills and knowledge to effectively manage the logistics and operational aspects of freight transportation and warehouse management. The course covers the entire supply chain process, including inventory control, warehousing, shipping, and transportation. Participants will learn key techniques for optimizing warehouse layout, managing freight operations, ensuring the smooth flow of goods, and leveraging technology to improve operational efficiency. The course also explores best practices for managing third-party logistics (3PL) providers, handling inventory discrepancies, and adhering to safety regulations. The goal is to help participants achieve operational excellence and cost-effectiveness in freight and warehouse management.

TRAINING OBJECTIVES

By end of course participants will be able to understand

- Understand the principles of freight and warehouse management and their role within the supply chain.
- Optimize warehouse layout and inventory management to improve storage capacity and flow.
- Implement best practices for freight transportation and shipping operations.

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- Manage and coordinate with freight carriers, vendors, and third-party logistics providers (3PL).
- Utilize warehouse management systems (WMS) and transportation management systems (TMS) for efficient operations.
- Develop and implement safety protocols for warehouse and freight operations.
- Analyze key performance indicators (KPIs) for freight and warehouse performance.
- Address challenges related to inventory control, stockouts, and freight delays.
- Ensure compliance with relevant regulations and industry standards.

WHO SHOULD ATTEND?

- Warehouse managers and staff
- Freight and logistics managers
- Supply chain professionals
- Inventory control personnel
- Transportation coordinators
- Procurement and purchasing managers
- Operations managers in retail, manufacturing, or distribution industries

TRAINING METHODOLOGY

A highly interactive combination of lectures and discussion sessions will be managed to maximize the amount and quality of information and knowledge transfer. The sessions will start by raising the most relevant questions and motivating everybody to find the right answers. You will also be encouraged to raise your own questions and to share in the development of the right answers using your own analysis and experiences. Tests of multiple-choice type will be made available on daily basis to examine the effectiveness of delivering the course.

Very useful Course Materials will be given.

- 30% Lectures
- 30% Workshops and work presentation
- 20% Group Work & Practical Exercises
- 20% Videos & General Discussions

COURSE PROGRAM

Day 1: Introduction to Freight and Warehouse Management

- **Module 1: Overview of Freight and Warehouse Operations**
 - Key functions and roles within logistics
 - The supply chain and its impact on freight and warehouse management

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- The relationship between warehousing, transportation, and inventory management
- **Module 2: The Role of Freight in the Supply Chain**
 - Types of freight (e.g., air, sea, land, and intermodal)
 - Understanding freight costs, terms, and pricing models
 - Freight forwarders, carriers, and third-party logistics (3PL) providers
 - Key performance indicators (KPIs) for freight management

Day 2: Warehouse Operations and Optimization

- **Module 3: Warehouse Layout and Design**
 - Principles of warehouse layout and storage planning
 - Efficient space utilization and flow of goods
 - The role of automation in warehouse operations
- **Module 4: Inventory Management**
 - Inventory control methods (e.g., FIFO, LIFO, just-in-time)
 - Stock replenishment strategies
 - Warehouse Management Systems (WMS) and its role in inventory control
 - Managing stockouts, overstocks, and inventory discrepancies
- **Module 5: Order Fulfillment and Picking Techniques**
 - Picking strategies (e.g., zone picking, batch picking)
 - Optimizing order fulfillment workflows
 - Packaging and shipping considerations

Day 3: Freight Transportation Management

- **Module 6: Freight Planning and Routing**
 - Freight cost optimization through routing and scheduling
 - Understanding transportation modes and their impact on cost and time
 - Carrier selection and contract negotiation
- **Module 7: Managing Freight Costs and Billing**
 - Freight rate negotiation and costing models
 - Cost-effective freight practices for different types of shipments
 - Managing freight billing and payment reconciliation
- **Module 8: Transportation Management Systems (TMS)**
 - How TMS can improve transportation efficiency and visibility
 - Key features of a TMS
 - Tracking shipments and managing delays

Day 4: Technology in Freight and Warehouse Management

- **Module 9: Warehouse Management Systems (WMS)**

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- Key functions and capabilities of WMS
- How WMS improves inventory accuracy, efficiency, and order fulfillment
- Integration of WMS with other business systems
- **Module 10: Automation and Robotics in Warehousing**
 - Automation technologies: conveyor systems, robots, and drones
 - The impact of robotics on labor efficiency and cost
 - The future of warehouse automation
- **Module 11: Real-Time Data and Performance Metrics**
 - How real-time data drives decision-making in logistics and warehousing
 - Key performance metrics for freight and warehouse management
 - Using data analytics to improve operations and reduce costs

Day 5: Safety, Compliance, and Best Practices

- **Module 12: Safety and Risk Management in Freight and Warehouse Operations**
 - Key safety protocols for warehouse operations
 - Handling hazardous materials and dangerous goods
 - Ensuring employee safety during freight loading and unloading
 - Risk assessment and mitigation strategies in warehouse environments
- **Module 13: Compliance and Industry Regulations**
 - Compliance with transportation regulations (e.g., DOT, IATA, OSHA)
 - Environmental considerations and sustainability in freight and warehouse operations
 - International shipping regulations and documentation
- **Module 14: Case Studies, Best Practices, and Final Assessment**
 - Real-world case studies of successful freight and warehouse management
 - Best practices for optimizing operations and improving customer satisfaction
 - Final Q&A and discussion on overcoming challenges in managing freight and warehouse operations

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NOTE:

Pre-& Post Tests will be conducted.

Case Studies, Group Exercises, Group Discussions, Last Day reviews, and assessments will be carried out.

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