

TRANSPORTATION AND DISTRIBUTION MANAGEMENT

PIN013

COURSE DESCRIPTION

This course is designed to teach participants how to achieve international standards of logistics management in supply chains. Among supply chain management leaders, effective logistics management is a key focus. It not only has a significant impact on an organization, but can give that organization a competitive advantage as well. In an interactive setting, this course demonstrates strategic approaches to logistics management, as well as how effective logistics management coordinates transport, warehousing and inventory management.

COURSE GOAL

To enhance the participants' knowledge, skills and abilities necessary to optimize logistics performance levels and evaluate opportunities to reduce costs.

COURSE OBJECTIVES

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

- Apply the core concepts of supply chain management.
- Understand the role of logistics in the supply chain.
- Deliver customer value.
- Manage the transportation function effectively.
- Apply the principle of warehouse design and operation.
- Develop an effective inventory management function.

WHO SHOULD ATTEND

Anyone managing logistics services and would like to explore how to develop a world-class logistics operation. Whether new to the profession or time served at a senior level, the participants will benefit from a course which explores the essential elements of logistic management, the current challenges and modern advancements.

COURSE DURATION

5 Working Days

COURSE OUTLINES

1. Introduction to Logistics and Supply Chain Management

- Importance of Logistics/SC in business.
- Logistics/SC and strategy.
- Customer service Levels.
- Logistic information systems.
- Setting Logistics strategy.
- Performance measurement.
- Logistics/SC as it relates to customer value.
- Purchasing, Inventory, Operations, Warehousing, Material handling, Transport and Distribution.

2. Strategic Approach to Logistics Management

- The mission of logistics management.
- Logistics performance.
- Logistics and customer value.
- The cost of logistics.

3. Transport Management

- Efficient and effective transportation.
 - Modes of transport.
 - Operator legislation.
 - Driver and vehicle legislation.
 - Transport planning.
 - Transport operations.
 - Fundamental transport economics.
 - Transportation Strategy
 - Buying transportation services
 - Auditing and monitoring carriers.
 - Where to find transportation savings.
 - Understanding the regulatory framework.
 - Transportation trends for the 21st century.
 - Private fleet, common carrier or contractor.

4. Distribution Requirements Planning (DRP):

- What is DRP.
- Analysis and benefits of DRP.
- Warehousing Operations.
 - Objectives and scope of warehouse operations.
 - The changing role of the warehouse manager.
 - Warehouse operations and the value chain.
 - Supply network optimization.
 - Customer service and total distribution cost concept.
 - Characteristics of effective and efficient warehouse operations.
 - Design layout and process design.
 - The lean warehouse.
 - The role of technology.
- Inventory Management.
 - Analysis of demand.
 - Inventory planning.
 - Forecasting techniques.
 - Inventory control.
 - Inventory management.
 - Inventory and least cost logistics.
 - Forecasting and demand management.
 - Secrets of superior inventory performance.
 - Costs and how to manage them - inventory carrying costs.
 - Pros and cons of Vendor Managed Inventory (VMI).
 - Optimal inventory decision making: Introducing DRP, ABC and JIT.

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