



Course: **Logistics Management for Business Professionals**

Contact Hours: **18**

Pre-requisite: **None**

Abstract

This module enables participants to demonstrate an understanding of logistics and its role in supply chain management. Participants will develop the ability to evaluate any logistics operations to which they are exposed and determine if it is working effectively. They will also be able to assess their own roles as operatives in the logistics process with the aim of improving their own performance.

This module provides learners with the opportunity to develop an understanding of the logistics process and the various activities that form part of the process.

Target Audience

Inventory Managers, Warehouse Managers, Inventory Supervisors, Warehouse Supervisors, Customs Personnel, Expeditors, Logistics Personnel, Materials Personnel, Distribution Managers and Supervisors

Learning Outcomes

On successful completion of this unit, participants will be able to:

1. Relate to the concepts of Logistics and Supply Chain Management.
2. Understand the principles of Procurement and Outsourcing
3. Apply the principles of Inventory Management
4. Use the principles of Warehousing to improve their Warehousing Operations
5. Relate to Marketing and Physical Distribution concepts
6. Apply Packaging and Materials handling Principles to Logistics Operations
7. Recognise the requirements for Transportation and International Logistics

Course Content

Logistics- An Overview (Learning Outcome #1)

- To learn what is logistics
- To learn about the importance of logistics to business organizations
- To provide a brief overview of the set of activities that make up the logistics process
- To understand the relationship between logistics and supply chain management

Supply Chain Management (Learning Outcome #1)

- To define and describe Supply Chain Management
- To understand the relationship between Supply Chain Management and Integrated Logistics
- To examine why Supply Chain Management has become increasingly important in today's business environment
- To review Supply Chain Management at work

Procurement and Outsourcing (Learning Outcome # 2)

- To define and describe the Procurement Process
- To understand the Procurement Objectives and the Procurement Cycle
- Outsourcing and other Procurement Strategies
- Procurement and Logistics in the Supply Chain

Inventory Management Learning Outcome #2)

- To understand the nature of inventory and its role in the logistics management process
- To identify the goals and objectives of inventory management, and measure their process against these goals
- To learn how to calculate safety stock, reorder points, and order quantities
- To understand the need for and how to maintain better inventory accuracy

Principles of Warehousing (Learning Outcome #3)

- To explore the function of warehousing in logistics management
- To learn about design and layout factors for effective warehousing
- To become familiar with the racking and storage systems used in a warehouse
- To understand the various activities, roles and responsibilities in a warehouse
- To understand the importance of Health and Safety in the warehouse.

Marketing and Physical Distribution (Learning Outcome #3)

- Understanding the role of marketing and physical distribution in logistics
- Learn about distribution channels
- Learn about the factors affecting decisions concerning the type of distribution channels
- Learn about achieving customer service through the physical distribution channels

Packing and Materials Handling (Learning Outcome #4)

- To learn the fundamentals of packaging
- To examine some issues in packaging
- To learn the principles of materials handling

Logistics and Information Technology (Learning Outcome#4)

- To review the general types of information systems
- To examine the use of information technology in different areas in logistics management

Transportation (Learning Outcome #5)

- To understand the importance of transportation in logistics management
- To review the various transportation modes and the factors influencing the choice determination
- To introduce the fundamentals of transportation management

International Logistics (Learning Outcome #5)

- To understand the activities involved in international logistics
- To understand the packaging and handling requirements
- To learn about the documentation required
- To understand the role of the intermediaries