INTRODUCTION TO WAREHOUSE & INVENTORY

Program Overview

Unit purpose and aim
This Unit is designed to introduce students to the concept of Warehousing & Storage. The Unit is made up of five elements that contain sufficient knowledge to give students an overall view of the important role played by Warehousing and Inventory in the context of logistics management. The programme aims to equip students with a solid foundation of knowledge on which they can build with

Training Program Detail

Module 1: Inventory
- Know the purpose and characteristics of inventory.
- Know the elements of an inventory process.
- Know the costs associated with inventory
- Know the purpose and methods of stock identification
- Know the main categories of stock.
- Understand the role and functions of stock control
- Know the factors which determine stockholding
- Understand the purpose and functions of reverse logistics
- Understand the role and function of inventory measurement.
- Understand methods used to assess and satisfy demand and service levels.

Module 2: The Warehouse
- Understand the role and function of warehouses in the supply chain.
- Know the factors which determine warehouse location, type, size and number
- Understand the impact of e-business on warehouse operations
- Understand the process of managing security risks in warehouses.
- Understand the health and safety issues in warehouses
- Know the main health and safety and environmental responsibilities applying to warehouse operation
Module 3: Warehouse Principles

- Understand the need to use warehouse space effectively.
- Know the features of the main flow patterns used in warehouses.
- Understand the requirement to segregate stock according to its characteristics.
- Understand the concept and application of unitization.
- Know the purpose and processes of stock rotation.
- Know the purpose, role and function of packaging.
- Know the main legal requirements relating to packaging.

Module 4: Storage and Materials Handling

- Know the types of storage equipment used in warehouses.
- Understand the requirement for flexibility in warehouse equipment.
- Know the purpose and features of location numbering systems used in warehouses.
- Know the main alternatives for storage strategies.
- Know the role and functions of mechanical handling equipment (MHE).
- Understand the criteria for selecting MHE.
- Know the maintenance issues relating to MHE.
- Understand how ICT is used with MHE.
- Understand the reasons for using automated systems in warehouses.
- Know how Radio Data Transfer (RDT) barcodes and Radio Frequency Identification (RFID) systems are used in warehouses.