

Logistics Management (Chartered Institute of Logistics and Transport-CILT)

Course Objectives

By the end of the course, participants will be able to:

Recognize modern supply chain and logistics trends as a basis for sustainable performance

Describe the role of transportation in logistics and identify opportunities for operational improvement

Identify the role of warehousing, focusing on operational throughput and performance optimization

Employ effective techniques for optimizing inventory

Employing quantitative and qualitative material forecasting techniques for a streamlined logistics process

Develop go-to-market strategies for various product categories based on the supply risks and financial impact associated with them

Apply the Supply Chain Operations Reference (SCOR) framework to manage strategic, operational and tactical facets of logistics

Target Competencies

Supply chain management

Enhancing customer value

Warehouse design

Warehouse operation

Inventory management

Transportation management

Modern trends in logistics and supply chain services

About logistics services

Organizing logistics and supply chain services

The strategic, tactical and operational elements of logistics

Sustainability in logistics

Concepts in logistics

3PL concepts

4PL concepts

Transportation management

Transportation management objectives

Costs associated with transportation management

Means of transportation and its types

Efficient and effective transportation

Warehousing operations

Storage network design/storage space arrangement

Value added activities

Goods stacking, spot storage and classification

Unpacking, dividing and assembling goods

Mixing of goods, postponement and consolidation of orders

Determine warehouse activity

Calculate the cost of storage

Sustainable storage practices

Inventory Management

Scope of resource management

Resource management objectives

Inventory types and classification

Resource management challenges

Resource replenishment strategies

Made to store / made to order

Assembly according to request

Design according to request

Design according to the supply chain

Design according to the environment

Performance management and logistics

SCOR Framework Overview

SCOR Define high-level arrays

SCOR allocates low-level arrays

Goal management/continuous performance improvement