

# **MATERIALS & SUPPLY CHAIN MANAGEMENT**



**LSC105  
Logistics &  
Supply Chain**

**COURSE TITLE**

**MATERIALS & SUPPLY CHAIN MANAGEMENT**

**COURSE DATE/VENUE**

19 – 23 April, 2021

London, UK

**COURSE REFERENCE**

LSC105

**COURSE DURATION**

05 Days

**DISCIPLINE**

Logistics & Supply Chain



**COURSE INTRODUCTION**

Material and Supply chain management is an intensive course for those who want to understand and implement the essential tools for managing material flow in the supply chain. Participants are shown how to evaluate procedures and make the needed changes to methods to improve customer service whilst achieving reductions in inventory; eliminate wasteful costs; avoid internal problems that limits performance; obtain added value for money.

**COURSE OBJECTIVE**

- To give knowledge of effective materials operations in the supply chain
- To enable analysis & examination of current operations
- To make organizational improvement

## **COURSE AUDIENCE**

All staff involved in stock control operations, Inventory, Stock, Materials, Supply Chain, Logistics, Warehouse and Distribution Supervisors/Managers Owners, Operators and Directors of companies who hold stock and inventory.

## **COURSE CONTENT**

### **- Supply Chain**

- The Supply chain definitions, history and key aspects
- Definitions
- History and development
- Key aspects
- Benefits of supply chain approach
- Integrating the supply chain
- The Material Management concept
- Lead-times
- Customer service concept
- Adding value
- Tradeoffs
- Power of information Sharing and collaboration in the supply chain

### **-Products Classification and Planning**

- Product life cycle (PLC)
- Material Management changes with PLC
- Supply/ demand variables
- Dependent and independent demand
- Patterns of demand
- ABC Analysis or the 80/20 rule
- Inventory Turnover Ratio
- Case study

### **- Replenishment Methods**

- Types of Inventory Control methods
- Push/Pull Systems
- Planning for dependent demand
- MRP method
- Determining the reorder level
- Fixed and variable time periods
- Safety stock models
- Economic order quantities
- Two bin method / Single bin method
- Minimum – maximum methods
- Case Study

### **COURSE CERTIFICATE**

**TRAINIT ACADEMY** will award an internationally recognized certificate(s) for each delegate on completion of training.

### **COURSE FEES**

\$6,150 per Delegate. This rate includes participant's manual, Hand-Outs, buffet lunch, coffee/tea on arrival, morning & afternoon of each day.

### **COURSE METHODOLOGY**

The training course will be highly participatory and the course leader will present, guide and facilitate learning, using a range of methods including formal presentation, discussions, sector-specific case studies and exercises. Above all, the course leader will make extensive use of real-life case examples in which he has been personally involved. 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.

- 30% Lectures
- 30% Workshops and work presentation

- 20% Case studies & Practical Exercises
- 10% Role Play
- 10% Videos, Software or Simulators (as applicable) & General Discussions

