



# Logistics & Operations Management Fundamentals

13 – 17 December 2026  
Muscat

## Logistics & Operations Management Fundamentals

**Ref:** 103600547\_73235 **Date:** 13 – 17 December 2026 **Location:** Muscat **Fees:** 5700 Euro

### Course Overview:

The Logistics & Operations Management Fundamentals Training Course is a comprehensive, entry-level program designed to build strong capabilities in Logistics Management, Operations Management, and Supply Chain Management. This practical Logistics and Operations Management Training Course integrates key concepts from Supply Chain Fundamentals, Logistics Fundamentals, and Operations Management Basics to help professionals understand how organizations efficiently manage the flow of goods, services, and information.

Participants will explore Introduction to Logistics and Operations, including procurement, transportation, warehousing, and distribution. The course reflects real-world frameworks where logistics connects suppliers, manufacturers, and customers while ensuring cost efficiency and service quality.

In addition, this Entry Level Logistics Course explains how Operations Management transforms inputs into goods and services through structured processes, resource planning, and coordination.

Designed as a Beginner Supply Chain Course, this program combines theory with practical insights, enabling participants to understand logistics networks, optimize operations, and support business performance. It is ideal for professionals seeking a Logistics and Supply Chain Management Course for Beginners with strong real-world relevance.

### Target Audience:

- Entry-level professionals in logistics and supply chain roles
- Operations assistants and coordinators
- Warehouse and inventory staff
- Procurement and purchasing officers
- Junior supply chain analysts
- Team leaders and supervisors non-technical background
- Professionals transitioning into logistics and operations roles

## Targeted Organizational Departments:

- Logistics and Transportation Departments
- Supply Chain and Procurement Teams
- Warehouse and Inventory Management Units
- Operations and Production Departments
- Distribution and Fulfillment Centers
- Customer Service and Order Management Teams
- Planning and Demand Forecasting Units

## Targeted Industries:

- Oil & Gas and Energy
- Manufacturing and Industrial Operations
- Retail and E-commerce
- FMCG and Distribution
- Healthcare and Pharmaceuticals
- Aviation and Transportation
- Government and Public Sector Logistics

## Course Offerings:

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

- Define and apply Logistics Management and Operations Management principles
- Explain Supply Chain Fundamentals and logistics network structures
- Analyze logistics flows from supplier to customer using real models
- Apply Operations Management Basics to improve efficiency and reduce waste
- Identify key components of Logistics and Supply Chain Management systems
- Demonstrate understanding of warehousing, transportation, and inventory processes
- Evaluate logistics performance using cost, time, and service metrics
- Apply practical techniques from Entry Level Supply Chain and Logistics Training
- Support decision-making in logistics planning and operations control
- Contribute to operational improvement initiatives in real workplace scenarios

## Training Methodology:

This Logistics and Operations Management Fundamentals Course uses a structured and interactive approach combining theory and practical application. Participants will engage in case-based learning, real-world simulations, and guided discussions to understand Supply Chain and Operations Course for Beginners concepts.

The methodology includes scenario-based exercises where participants analyze logistics networks, identify inefficiencies, and propose operational improvements. Real examples from logistics systems—such as transportation flows, warehouse operations, and inventory cycles—are used to connect theory to practice.

Group activities will simulate supply chain decision-making, including demand planning, order fulfillment, and distribution strategies. Participants will also review real operational challenges where logistics plays a critical role in cost reduction and service delivery, reflecting how logistics integrates materials, information, and financial flows.

Interactive sessions ensure participants can apply Logistics Fundamentals and Operations Management Basics in measurable ways, supported by continuous feedback and performance-based evaluation.

## Course Toolbox:

- Case studies in Logistics and Supply Chain Management
- Process flow diagrams for logistics operations
- Inventory and warehouse management frameworks
- Supply chain mapping templates
- Transportation planning examples
- KPI dashboards for logistics performance
- Practical scenarios for operations decision-making
- Checklists for logistics planning and control

Note: Tools are not physically provided; participants receive practical insights, frameworks, and real-world examples of tools used in Logistics Training Courses.

## Course Agenda:

### Day 1: Foundations of Logistics & Operations Management

- **Topic 1:** Introduction to Logistics Management and Operations Management Concepts
- **Topic 2:** Supply Chain Management Overview and Key Components
- **Topic 3:** Logistics Fundamentals and Supply Chain Basics for Beginners
- **Topic 4:** Role of Logistics in Business Performance and Value Creation
- **Topic 5:** Operations Management Basics and Process Transformation
- **Topic 6:** Logistics for Beginners: Terminology, Functions, and Scope
- **Reflection & Review:** Connecting Logistics and Operations Management to real organizational workflows

### Day 2: Supply Chain Structures and Planning

- **Topic 1:** Supply Chain Fundamentals and End-to-End Flow
- **Topic 2:** Logistics and Supply Chain Integration Strategies
- **Topic 3:** Demand Planning and Supply Chain Coordination Basics
- **Topic 4:** Procurement and Sourcing in Supply Chain Management
- **Topic 5:** Distribution Channels and Network Design
- **Topic 6:** Global Supply Chain and Logistics Operations Overview
- **Reflection & Review:** Evaluating supply chain efficiency and coordination challenges

### Day 3: Warehousing, Inventory & Logistics Operations

- **Topic 1:** Introduction to Warehouse Management and Logistics Operations
- **Topic 2:** Inventory Management Fundamentals and Stock Control Techniques
- **Topic 3:** Warehouse Layout, Storage Systems, and Material Handling
- **Topic 4:** Order Fulfillment and Distribution Processes
- **Topic 5:** Cost Control in Warehousing and Inventory Management
- **Topic 6:** Health, Safety, and Efficiency in Warehouse Operations
- **Reflection & Review:** Identifying improvement opportunities in warehouse and inventory systems



## **Day 4: Transportation & Operational Efficiency**

- **Topic 1:** Transportation Management and Logistics Planning
- **Topic 2:** Modes of Transportation and Route Optimization
- **Topic 3:** Operations Management Training: Process Improvement Methods
- **Topic 4:** Performance Measurement in Logistics and Operations
- **Topic 5:** Cost, Time, and Service Trade-offs in Logistics Decisions
- **Topic 6:** Lean Operations and Continuous Improvement in Supply Chains
- **Reflection & Review:** Applying operational efficiency tools to logistics scenarios

## **Day 5: Practical Applications & Optimization**

- **Topic 1:** Practical Logistics and Operations Management Applications
- **Topic 2:** Problem-Solving Techniques in Supply Chain and Logistics
- **Topic 3:** Risk Management in Logistics and Supply Chains
- **Topic 4:** Digital Transformation in Logistics and Operations
- **Topic 5:** Case Study: End-to-End Supply Chain Optimization
- **Topic 6:** Action Planning for Workplace Implementation
- **Reflection & Review:** Building a practical roadmap for logistics and operations improvement

## **FAQ:**

### **What specific qualifications or prerequisites are needed for participants before enrolling in the course?**

No advanced qualifications are required. This is an Entry Level Logistics Course designed for beginners. Basic understanding of business operations is beneficial but not mandatory.

### **How long is each day's session, and is there a total number of hours required for the entire course?**

Each day's session is generally structured to last around 4–5 hours, with breaks and interactive activities included. The total course duration spans five days, approximately 20–25 hours of instruction.



## **What is the difference between logistics management and supply chain management?**

Logistics Management focuses on transportation, storage, and movement of goods, while Supply Chain Management covers the entire network including suppliers, production, and distribution. Logistics is a key component within the broader supply chain system.

## **How This Course is Different from Other Logistics & Operations Management Courses:**

This Logistics and Operations Management Fundamentals Training Course stands out by combining Logistics Training Course content with Operations Management Training into a unified, practical framework. Unlike traditional Introductory Logistics Courses that focus only on theory, this program emphasizes real-world application, measurable outcomes, and business impact.

The course integrates Supply Chain Fundamentals with operational decision-making, enabling participants to understand not just “what logistics is,” but “how logistics drives performance.” It aligns with modern industry practices where logistics integrates materials, information, and financial flows across organizations.

Participants gain hands-on exposure to logistics scenarios, warehouse operations, and transportation planning, making it a Practical Logistics and Operations Management Course rather than a purely academic one.

Additionally, the course bridges the gap between beginner knowledge and workplace application, positioning it as a high-value Entry Level Supply Chain and Logistics Training program tailored for corporate teams and professionals seeking immediate impact.