



# **Master Logistics & Operations Fundamentals: 10-Day Course**

21 March – 1 April 2027  
Zanzibar



## Master Logistics & Operations Fundamentals: 10-Day Course

**Ref:** 103600549\_110888 **Date:** 21 March – 1 April 2027 **Location:** Zanzibar **Fees:** 9000 Euro

### Course Overview

Modern enterprises depend on integrated workflows to move materials, manage facilities, and transform inputs into finished goods. The Master Logistics & Operations Fundamentals: 10-Day Course provides foundational knowledge across logistics networks, inventory control, procurement, and process design. Participants examine how operational activities link internal functions to external distribution channels, ensuring steady material flow and resource efficiency across organizational value streams. Practical workflows and applied case studies illustrate how cross-functional coordination resolves common bottlenecks in supply and distribution. This course is delivered by Agile Leaders Training Center.

### Who Should Attend

- Entry-level logistics personnel and supply chain officers
- Operations assistants, coordinators, and workflow expeditors
- Warehouse storekeepers and inventory control personnel
- Procurement assistants and purchasing specialists
- Junior planning analysts and material controllers
- Team leaders and supervisors overseeing operational functions
- Professionals transitioning into logistics and operations roles

### Targeted Departments and Industries

This program supports professionals working across key industrial sectors and operational departments.

- Logistics, Freight, and Transportation Units
- Supply Chain Management and Sourcing Teams
- Warehouse, Inventory, and Stock Management Units
- Manufacturing Operations and Production Facilities
- Distribution Channels and Order Fulfilment Hubs
- Energy, Oil and Gas, and Industrial Manufacturing
- Fast-Moving Consumer Goods, Retail, and Healthcare Distribution

### Learning Objectives

By completing this ten-day program, participants will be able to:



- Apply foundational logistics management and operations management principles across workplace environments.
- Map physical, informational, and financial flows from initial supplier sourcing to end-customer delivery.
- Implement standard inventory control models, safety stock levels, and replenishment triggers.
- Evaluate warehouse layout configurations and material handling methods to optimize storage efficiency.
- Review transportation modes, route planning strategies, and distribution performance metrics.
- Utilize continuous improvement techniques and lean operations principles to reduce process waste.
- Assess operational risks and establish corrective actions using standard performance indicators.
- Formulate an operational implementation roadmap to support departmental performance goals.

## **Course Agenda**

### **Day 1: Foundations of Logistics and Operations**

- Introduction to logistics management and operations management
- Supply chain management overview and structural boundaries
- Logistics fundamentals and supply chain basics for operational teams
- Role of logistics in supporting organizational workflows
- Operations management basics and core transformation processes
- Key logistics terminology, definitions, and operational scopes
- Review: Connecting logistics and operational practices to enterprise performance

### **Day 2: Supply Chain Structure and Material Flow**

- Supply chain fundamentals and end-to-end network architecture
- Managing the tripartite flow: physical goods, information, and capital
- Distinctions between internal plant logistics and outbound distribution
- Coordination strategies across suppliers, operations, and distributors
- Translating customer service level expectations into logistics targets
- Value creation through coordinated material and inventory movements
- Review: Mapping operational handoffs across internal supply chains

### **Day 3: Procurement Practices and Supplier Sourcing**

- Procurement fundamentals within operational management frameworks
- Criteria for supplier selection, screening, and qualification
- Standard purchasing workflows, requisitions, and purchase orders
- Techniques for supplier performance monitoring and relationship management
- Total acquisition cost analysis in procurement transactions
- Sustainable sourcing practices and ethical purchasing standards
- Review: Structuring procurement controls to maintain uninterrupted supply



## **Day 4: Inventory Control and Replenishment**

- Core principles of inventory management and stock classification
- Distinguishing raw materials, work in process, and finished goods
- Demand forecasting basics and replenishment scheduling
- Balancing holding costs, order costs, and stockout liabilities
- Setting safety stock buffers and calculating reorder point levels
- Inventory control metrics including stock turn rates and days of supply
- Review: Auditing inventory records to reduce excess and obsolete holdings

## **Day 5: Warehouse Organization and Storage Systems**

- Foundational concepts in warehouse management and facility purpose
- Warehouse layout and design to support directional product velocity
- Industrial storage equipment, pallet racking, and aisle dimensioning
- Material handling equipment selection and goods transfer methods
- Standard workflows for inbound receiving, order picking, and packing
- Safety protocols, housekeeping discipline, and warehouse efficiency audits
- Review: Identifying spatial constraints and operational bottlenecks in storage

## **Day 6: Transportation Management and Distribution**

- Transportation management principles and carrier operating models
- Comparative analysis of road, rail, maritime, and air freight modes
- Route planning and optimization methods for load dispatch
- Direct delivery, cross-docking, and hub-and-spoke distribution strategies
- Delivery performance indicators: transit lead time and on-time arrival
- Freight cost accounting, fuel surcharges, and rate negotiation factors
- Review: Evaluating distribution options against delivery speed and cost

## **Day 7: Operations Planning and Process Improvement**

- Operations scheduling, capacity assessment, and loading plans
- Process mapping conventions and workflow bottleneck identification
- Lean operations principles for eliminating non-value-adding activity
- Continuous improvement techniques using root cause diagnostic methods
- Basic quality control measures in production and assembly settings
- Practical waste reduction strategies across operational workstations
- Review: Applying diagnostic tools to eliminate workflow delays

## Day 8: Logistics Technology and Digital Systems

- Overview of digital applications supporting modern logistics networks
- Warehouse management systems for inventory tracking and location control
- Transportation management systems for load routing and consignment tracking
- Automation trends in distribution centers and automated data capture
- Basic data analytics for logistics performance tracking and reporting
- Emerging developments in operational planning and digital tracking
- Review: Assessing software adoption requirements for logistics teams

## Day 9: Risk Management and Operational Performance

- Vulnerabilities, disruptions, and uncertainties across supply lines
- Methods for identifying supplier, transit, and storage hazards
- Mitigation strategies, alternative sourcing, and contingency protocols
- Key performance indicators for measuring operational cycle time and cost
- Managing tradeoffs between inventory availability and operational budgets
- Establishing regular performance review routines and operational scorecards
- Review: Constructing a risk mitigation checklist for operational processes

## Day 10: Practical Case Analysis and Operational Roadmaps

- Structured analysis of an end-to-end logistics case scenario
- Diagnostic problem-solving on acute operational delivery failures
- Techniques for balancing storage, transport, and procurement capacity
- Developing actionable operational improvement plans
- Formulating step-by-step implementation milestones for workplace execution
- Team presentations of practical solutions and operational roadmaps
- Review: Synthesizing course insights into immediate workplace initiatives

## Practical Exercises and Toolbox

Participants utilize practical frameworks to examine operational challenges and build workplace competencies:

- Process flow diagrams detailing material and data transfers
- Inventory control templates calculating reorder quantities and safety stock
- Warehouse zoning matrices to evaluate picking paths and dock space
- Transportation lane analysis sheets balancing speed against freight expense
- Operational dashboard models tracking order fulfillment accuracy and lead time
- Applied exercises simulating day-to-day coordination between purchasing, storage, and dispatch



## Frequently Asked Questions

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

No prior formal qualifications in logistics are necessary. The curriculum is structured for beginners, junior personnel, and professionals transitioning from other business functions into logistics or operations roles.

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

Daily sessions run for approximately four to five hours, incorporating structured lectures, practical exercises, and group analysis. The ten-day schedule totals approximately 40 to 50 training hours.

### **What is the difference between logistics management and operations management?**

Logistics management directs the physical movement, storage, and distribution of goods across networks, whereas operations management oversees the transformation processes that convert labour, raw materials, and energy into products or services. Both functions coordinate closely to deliver operational stability.

## Course Summary

This ten-day program connects theoretical foundations with routine operational practice across supply chain environments. Participants acquire practical techniques in purchasing, inventory monitoring, warehouse organization, distribution planning, and process improvement. Equipped with structured analysis frameworks, professionals return to their workplaces prepared to contribute to operational efficiency, manage transit and storage workflows, and support organizational performance.