



Logistics & Operations Management Fundamentals



AGILE LEADERS
Training Center

Logistics & Operations Management Fundamentals

Overview

Organizational success depends on moving goods, information, and resources reliably from origin to final consumption. The Logistics & Operations Management Fundamentals course introduces the core mechanics governing material flows, production cycles, and distribution networks. Participants examine how operational inputs transform into delivered services, exploring foundational principles across procurement, storage, transport, and customer fulfillment. This course is delivered by Agile Leaders Training Center.

Who Should Attend

- Entry-level professionals in logistics and supply chain roles seeking foundational knowledge.
- Operations assistants and coordinators supporting production and distribution workflows.
- Warehouse and inventory personnel responsible for stock handling and storage control.
- Procurement officers and purchasing staff coordinating supplier deliveries.
- Supervisors and team leaders transitioning into logistics management responsibilities.

Targeted Departments and Industries

This course supports operational teams across manufacturing, energy, retail, distribution, and service organizations.

- Logistics and Transportation Departments in Energy and Industrial Manufacturing
- Warehouse and Inventory Management Units in Retail and Fast-Moving Consumer Goods
- Supply Chain and Procurement Divisions in Healthcare and Pharmaceuticals
- Fulfillment Operations Groups in E-Commerce and Distribution
- Operations and Production Units in Public Sector Logistics

Learning Objectives

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

- Explain core logistics management and operations management concepts.
- Map end-to-end supply chain fundamentals across procurement, production, and distribution.
- Analyze physical material flows and information exchange between suppliers and customers.
- Apply operations management basics to eliminate operational bottlenecks and resource waste.
- Evaluate basic inventory management fundamentals and warehouse layout configurations.
- Measure logistics performance using time, cost, and service quality indicators.



Course Agenda

Day 1: Foundations of Logistics and Operations

- Core concepts of logistics management and operations management
- Supply chain fundamentals and primary network components
- The role of logistics in business performance and customer value
- Operations management basics: input, transformation, and output models
- Essential operational terminology, functions, and organizational scope
- Mapping functional interactions between logistics and core operations

Day 2: Supply Chain Structures and Planning

- End-to-end material and information flows across supply networks
- Coordination methods between procurement, production, and logistics
- Basic demand planning and inventory replenishment triggers
- Sourcing fundamentals and supplier delivery scheduling
- Distribution network design and channel selection criteria
- Operating considerations in regional and international freight networks

Day 3: Warehousing and Inventory Operations

- Foundational principles of warehouse storage and material handling
- Inventory management fundamentals and stock control techniques
- Warehouse layout design for efficient product movement and storage
- Order fulfillment workflows, picking methods, and dispatch staging
- Direct and indirect storage cost drivers in warehousing
- Health, safety, and housekeeping standards in storage facilities

Day 4: Transportation and Operational Efficiency

- Transportation planning, modal selection, and routing criteria
- Evaluating cost, transit time, and reliability across transport modes
- Lean operations techniques for identifying and eliminating process waste
- Key performance indicators for tracking logistics and fleet performance
- Balancing transport costs against customer delivery expectations
- Process mapping and continuous improvement in daily operations

Day 5: Operational Problem-Solving and Implementation

- Structured problem-solving methods for delivery and handling failures
- Operational risk identification and contingency planning
- Practical data collection and basic digital tools in operations
- Workflow improvement action planning for warehouse and transport tasks
- Case exercise: diagnosing and resolving an operational bottleneck
- Developing a personal workplace implementation action plan



Practical Exercises

Participants apply practical frameworks to diagnose inefficiencies and optimize daily logistics workflows.

- Activity: Map a material transformation cycle from raw receipt to final customer delivery.
- Activity: Construct a basic warehouse layout to minimize handling touches.
- Activity: Calculate stock replenishment levels using basic lead-time parameters.
- Activity: Develop a balanced operational KPI scorecard for a regional distribution unit.

FAQs

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

No advanced academic qualifications or specialized technical backgrounds are required. A foundational understanding of general workplace workflows is helpful, but the course is structured specifically for entry-level professionals and career changers.

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

Each daily session runs between 4 and 5 hours, incorporating instructional modules, practical scenarios, and guided discussions. The total program comprises approximately 20 to 25 hours of focused training over five days.

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

Logistics management centers on the specific movement, storage, and handling of products and materials. Supply chain management encompasses a broader scope, integrating supplier partnerships, demand forecasting, procurement, production planning, and final delivery channels.

How This Course Differs

Rather than treating transportation and warehousing as disconnected activities, this program links physical distribution directly to core operational processes. Participants acquire actionable tools and clear frameworks that enable immediate contributions to workflow reliability, cost control, and customer satisfaction.



Training Course Categories

Agile PM and Project Management Training Courses

Certified Courses By International Bodies

Communication and Public Relations Training Courses

Data Analytics Training and Data Science Courses

Environment & Sustainability Training Courses

Finance and Accounting Training Courses

Governance, Risk and Compliance Training Courses

Human Resources Training and Development Courses

IT Security Training & IT Training Courses

Leadership and Management Training Courses

Legal Training, Procurement and Contracting Courses

Maintenance Training and Engineering Training Courses

Marketing, Customer Relations, and Sales Courses

Occupational Health, Safety and Security Training Courses

Oil & Gas Training and Other Technical Courses

Personal & Self-Development Training Courses

Quality and Operations Management Training Courses

Secretarial and Administration Training Courses



Training Cities

Abu Dhabi UAE	Accra Ghana	Al Jubail Saudi Arabia
Amman Jordan	Amsterdam Netherlands	Athens Greece
Baku Azerbaijan	Bali Indonesia	Bangkok Thailand
Barcelona Spain	Berlin Germany	Cairo Egypt
Cape town South Africa	Casablanca Morocco	Chicago USA
Doha Qatar	Dubai UAE	Frankfurt Germany
Geneva Switzerland	Istanbul Turkey	Jakarta Indonesia
Johannesburg South Africa	Kuala Lumpur Malaysia	Kuwait Kuwait
Langkawi Malaysia	Lisbon Portugal	London UK
Madrid Spain	Manama Bahrain	Marbella Spain
Milan Italy	Montreux Switzerland	Munich Germany
Muscat Oman	Nairobi Kenya	New York USA

Training Cities

Nice

France

Paris

France

Phuket

Thailand

Porto

Portugal

Prague

Czech Republic

Riyadh

Saudi Arabia

Rome

Italy

San Diego

USA

Seoul

South Korea

Sharm El-Sheikh

Egypt

Singapore

Singapore

Tashkent

Uzbekistan

Tbilisi

Georgia

Tokyo

Japan

Toronto

Canada

Trabzon

Turkey

Vienna

Austria

Zanzibar

Tanzania

Zoom

Online Training