

# aractech

Global Learning for Operational Leaders

PROCUREMENT AND SUPPLY CHAIN MANAGEMENT | PSCM-009

## Inventory and Supply Chain Management

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# Course content

## Why Attend

Effective inventory and supply chain management are critical to ensuring operational efficiency, cost control, and customer satisfaction. Poor inventory practices can lead to stockouts, excess inventory, and increased operational costs, while inefficient supply chains can disrupt business continuity. This course provides participants with practical tools and strategies to optimize inventory levels, streamline supply chain operations, and enhance overall performance. It is designed to help professionals balance supply and demand, reduce costs, and improve service delivery.

## Course Methodology

• This course combines theoretical concepts with practical applications and real-world case studies. Participants will engage in supply chain simulations, inventory planning exercises, and process improvement workshops. Hands-on activities will focus on demand forecasting, inventory control models, and supply chain coordination. Case studies from manufacturing, retail, and logistics sectors will demonstrate best practices and common challenges.

## Course Objectives

- Understand core principles of inventory and supply chain management
- Optimize inventory levels to reduce costs and avoid stockouts
- Apply demand forecasting techniques
- Improve coordination across the supply chain
- Implement inventory control models and systems
- Analyze supply chain performance and identify improvements

## Target Audience

- Supply Chain and Logistics Managers
- Inventory and Warehouse Managers
- Procurement and Purchasing Professionals
- Operations and Production Managers

# Course outline

## Detailed course outline

Day-by-day outline for Inventory and Supply Chain Management.

### Day 1 - Fundamentals of Inventory and Supply Chain

- Overview of supply chain management
- Role of inventory in supply chains
- Key supply chain components and flows
- Types of inventory and their functions
- Challenges in modern supply chains

### Day 2 - Inventory Control and Optimization

- Inventory control techniques (ABC analysis, EOQ)
- Safety stock and reorder point calculations
- Inventory policies and models
- Reducing excess and obsolete inventory
- Inventory cost analysis

### Day 3 - Demand Forecasting and Planning

- Forecasting methods and techniques
- Demand patterns and variability
- Sales and operations planning (S&OP)
- Aligning supply with demand
- Forecast accuracy and improvement

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### Day 4 - Supply Chain Operations and Integration

- Procurement and supplier coordination
- Production and distribution planning
- Transportation and logistics management
- Supply chain integration and collaboration
- Technology in supply chain (ERP, SCM systems)

### Day 5 - Performance Management and Risk Control

- Supply chain KPIs and performance metrics
- Identifying and managing supply chain risks
- Continuous improvement strategies
- Case studies and best practices
- Final workshop: designing an optimized supply chain model

## Seminar dates

### Available seminar dates

Live dates and pricing for Inventory and Supply Chain Management generated from the course details page.

Date	Location	Format	Fee
18 - 22 May 2026	Munich	Classroom	€2,975
1 - 5 June 2026	Kuala Lumpur	Classroom	€1,575
8 - 12 June 2026	Amsterdam	Classroom	€2,940
15 - 19 June 2026	London	Classroom	€2,975
6 - 10 July 2026	Paris	Classroom	€3,080
20 - 24 July 2026	Istanbul	Classroom	€2,940
3 - 7 August 2026	Amsterdam	Classroom	€2,975

**Live online option**

Online delivery is available at €1,250.