

Inventory and Supply Chain Management

Course code: PSCM-009



SPARK TRAINING

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— Workshop Overview

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.

Why Attend

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

Who Should Attend

Supply Chain and Logistics Managers
Inventory and Warehouse Managers
Procurement and Purchasing Professionals
Operations and Production Managers
Retail and Distribution Professionals
Engineers and planners involved in supply chain activities

— Learning 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
- Manage risks and disruptions in supply chains
- Enhance operational efficiency and customer satisfaction

— Course Outline

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

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

— Upcoming Classroom Dates

DATE	LOCATION	FEE
5 - 9 October 2026	Istanbul - Türkiye	€1,925
12 - 16 October 2026	Barcelona - Spain	€2,125
9 - 13 November 2026	Vienna - Austria	€2,100
16 - 20 November 2026	Amsterdam - Netherlands	€1,425
7 - 11 December 2026	Istanbul - Türkiye	€1,925
14 - 18 December 2026	Paris - France	€2,200
21 - 25 December 2026	Barcelona - Spain	€2,100
18 - 22 January 2027	Munich - Germany	€2,125

— Certificate and Registration

Participants who attend and complete the full programme receive a SPARK Training Certificate of Completion. For registration, in-house delivery, or availability questions, contact info@sparktraining.eu or +31 85 115 0004.