informatech



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

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

- 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 content

Target Audience

- 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

Target Competencies

- Inventory planning and control
- Supply chain coordination and optimization
- Demand forecasting and analysis
- Cost management and efficiency improvement
- Risk management in supply chains
- Performance measurement and KPIs
- Strategic and operational decision-making

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



Course content

Course outline

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



Course content

Course outline

- 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
7 - 11 December 2026	Istanbul - Turkey	Classroom	**€3,080.-**
14 - 18 December 2026	Paris - France	Classroom	**€3,520.-**
21 - 25 December 2026	Barcelona - Spain	Classroom	**€3,360.-**
18 - 22 January 2027	Munich - Germany	Classroom	**€3,400.-**
15 - 19 February 2027	Kuala lumpur - Malaysia	Classroom	**€1,800.-**
15 - 19 March 2027	Amsterdam - Netherlands	Classroom	**€3,400.-**
19 - 23 April 2027	London - U.K	Classroom	**€3,360.-**
17 - 21 May 2027	Paris - France	Classroom	**€3,600.-**
21 - 25 June 2027	Istanbul - Turkey	Classroom	**€2,280.-**
19 - 23 July 2027	Madrid - Spain	Classroom	**€3,400.-**
16 - 20 August 2027	London - U.K	Classroom	**€3,360.-**
20 - 24 September 2027	Barcelona - Spain	Classroom	**€3,080.-**
18 - 22 October 2027	Kuala lumpur - Malaysia	Classroom	**€1,800.-**
15 - 19 November 2027	Istanbul - Turkey	Classroom	**€2,280.-**
20 - 24 December 2027	Barcelona - Spain	Classroom	**€3,080.-**

Live online option	Online delivery is available at €1,850.-.