



Procurement & Supply Chain Operations

**Certified in Production and Inventory  
Management (CPIM)**

## Course Introduction

---

This intensive 5-day certification preparation course is designed for professionals seeking to achieve the globally recognized credential. The program covers the comprehensive learning system, providing participants with in-depth knowledge of planning and inventory management across the supply chain. The course equips learners with tools, terminology, best practices, and analytical techniques necessary for effective decision-making in demand management, sales and operations planning (S&OP), master scheduling, material requirements planning (MRP), inventory, and supply chain strategy.

By completing this course, participants will be fully prepared to sit for the international exam and implement its core principles into real-world operations for organizational efficiency and cost optimization.

## Target Audience

---

- Supply chain, operations, and logistics professionals.
- Production planners, schedulers, and inventory managers.
- Professionals in procurement, distribution, or manufacturing operations.
- Anyone involved in end-to-end supply chain and inventory decision-making.
- Individuals seeking to enhance their credentials and career prospects in supply chain management.

## Learning Objectives

---

- Understand end-to-end supply chain functions and strategic alignment.
- Apply sales and operations planning processes for effective forecasting and demand management.

- Develop master production schedules and apply MRP principles.
- Optimize inventory control using various planning and management strategies.
- Understand capacity planning, detailed scheduling, and supplier relationship management.
- Evaluate distribution, logistics, quality, and continuous improvement methods.
- Leverage digital technologies and best practices in supply chain management.

Confidently prepare for and pass the certification exam.

## Course Outline

---

### • DAY 01

#### **Supply Chains, Strategy, and Sales & Operations Planning (S&OP)**

- Overview of supply chains and alignment with business strategy
- Strategic, functional, and operational planning
- Risk management and sustainability in supply chains
- Introduction to S&OP process and objectives
- Balancing aggregate demand and supply
- Managing S&OP plan reconciliation and execution

### • Day 02

#### **Distribution, Quality, and Continuous Improvement**

- Distribution channels and planning
- Replenishment techniques and order management
- Reverse logistics and returns handling
- Quality management principles in operations
- Total Quality Management (TQM) and Six Sigma
- Continuous improvement models (Kaizen, PDCA)

### • Day 03

#### **Inventory Management and Detailed Scheduling**

- Inventory planning and control strategies
- Inventory costing, valuation, and performance metrics
- Just-In-Time (JIT) and lean inventory systems
- Production and detailed scheduling methods

- Finite vs. infinite scheduling
- Shop floor and work center scheduling
- **Day 04**

### **Distribution, Quality, and Continuous Improvement**

- Distribution channels and planning
- Replenishment techniques and order management
- Reverse logistics and returns handling
- Quality management principles in operations
- Total Quality Management (TQM) and Six Sigma
- Continuous improvement models (Kaizen, PDCA)

### • **Day 05**

### **Technology, Review, and Exam Preparation**

- Digital transformation and technology in supply chains
- Role of ERP, WMS, and other integrated systems
- Overview of exam structure and registration
- Knowledge review and concept recap by module

## **Confirmed Sessions**

FROM	TO	DURATION	FEES	LOCATION
July 28, 2025	Aug. 1, 2025	5 days	4250.00 \$	UAE - Dubai
May 26, 2025	May 30, 2025	5 days	4250.00 \$	UAE - Dubai
Nov. 24, 2025	Nov. 28, 2025	5 days	4950.00 \$	Netherlands - Amsterdam