

Certified in Planning and Inventory Management (CPIM)

(CPIM 8.0 Learning System – Year 2023)

Duration: 48 Hrs

- Module 1: Supply Chains and Strategy ○ Section A: Supply Chains, the Environment, and Strategy ○ Section B: Strategic Scope and Objectives ○ Section C: Developing and Managing Organizational Strategy ○ Section D: Functional and Operational Strategies ○ Section E: Environments, Types, and Layouts ○ Section F: Performance Monitoring and KPIs ○ Section G: Risk Management ○ Section H: Capital Equipment and Facilities ○ Section I: Sustainability Strategies
- Module 2: Sales and Operations Planning ○ Section A: S&OP Purpose and Process ○ Section B: Aggregate Demand and Supply Plans ○ Section C: Reconciling S&OP Plans
- Module 3: Demand
 - Section A: Demand Management ○ Section B: Sources of Demand/Forecasting ○ Section C: Forecast Performance
- Module 4: Supply ○ Section A: Creating and Validating the Master Schedule ○ Section B: Using and Maintaining the Master Schedule ○ Section C: Material Requirements Planning ○ Section D: CRP and Scheduling ○ Section E: Suppliers and Purchasing
 - Section F: Changes and Product Life Cycle Management
- Module 5: Detailed Schedules ○ Section A: Planning Detailed Schedules ○ Section B: Scheduling and PAC Methods ○ Section C: Creating Production and Service Schedules ○ Section D: Managing Detailed Schedules and Scheduling Materials
- Module 6: Inventory ○ Section A: Inventory Planning
 - Section B: Inventory and Product Costs, Value, and Metrics
 - Section C: Itemized Inventory Management ○ Section D: Inventory Control
- Module 7: Distribution ○ Section A: Planning Distribution ○ Section B: Replenishment and Order Management ○ Section C: Waste Hierarchy and Reverse Logistics
- Module 8: Quality, Technology, and Continuous Improvement ○ Section A: Quality ○ Section B: Technology ○ Section C: Continuous Improvement
- Module 9: Quality Management and Continuous Improvement
- Implementing quality management practices in production processes.

- Continuous improvement methodologies such as Six Sigma and Lean.
- Module 10: Risk Management in Operations
- Identifying and mitigating risks in production and inventory management.
- Strategies for building resilience in operations.