

CPIM Version 8.0 - Course Agenda – 23 of 2 hour classes

Pre-Course Preparation - 2 hours

- Complete the Pre-Test - in the online learning system - <https://apics.partnerrc.com>
- Read the CPIM Exam Content Manual (at the start of the CPIM Version 8.0 Participant Workbook)
- Read Module 1: Supply Chains and Strategy, Section A: Supply Chains, the Environment, and Strategy

Class 1 – 2 hours

- Introduce APICS CPIM Version 8.0
- Instructor and Participants Introduction
- Introduce Course and CPIM Version 8.0 Online Learning System
- Review Instructor and Participant Responsibilities
- Review supporting technical environment: Zoom, Quizzes, Kahoot
- Introduce The Fresh Connection (TFC - online supply chain simulation activity)
- Module 1: Supply Chains and Strategy, Section A: Supply Chains, the Environment, and Strategy

Class 2 – 2 hours

- Module 1: Supply Chains and Strategy, Section B: Strategy Scope and Objectives
- Module 1: Supply Chains and Strategy, Section C: Developing and Managing Organizational Strategy
- Online Flashcards and Quiz's
- The Fresh Connection (TFC – Introduction)

Class 3 – 2 hours

- Module 1: Supply Chains and Strategy, Section D: Functional and Operational Strategies
- Online Flashcards and Quiz's
- The Fresh Connection (TFC - Sales)

Class 4 – 2 hours

- Module 1: Supply Chains and Strategy, Section E: Environments, Types, and Layouts
- Module 1: Supply Chains and Strategy, Section F: Performance Monitoring and KPIs
- Module 1: Supply Chains and Strategy, Section G: Risk Management
- Online Flashcards and Quiz's
- The Fresh Connection (TFC – Supply Chain)

Class 5 – 2 hours

- Module 1: Supply Chains and Strategy , Section H: Capital Equipment and Facilities
- Module 1: Supply Chains and Strategy, Section I: Sustainable Strategies
- Module 2: Sales and Operations Planning, Section A: S&OP Purpose and Process
- Online Flashcards and Quiz's
- The Fresh Connection (TFC - Operations)

Class 6 – 2 hours

- Module 2: Sales and Operations Planning, Section B: Aggregate Demand and Supply Plans
- Module 2: Sales and Operations Planning, Section C: Reconciling S&OP Plans
- Online Flashcards and Quiz's
- The Fresh Connection (TFC - Purchasing)

Class 7 – 2 hours

- Module 3: Demand, Section A: Demand Management
- Module 3: Demand, Section B: Sources of Demand/Forecasting
- Online Flashcards and Quiz's
- The Fresh Connection (TFC - Voting session and calculate)

Class 8 – 2 hours

- Module 3: Demand, Section B: Sources of Demand/Forecasting (continued)
- Module 3: Demand, Section C: Forecast Performance
- Online Flashcards and Quiz's

- The Fresh Connection (TFC - Voting session debrief)

Class 9 – 2 hours

- Module 4: Supply, Section A: Creating and Validating the Master Schedule
- Online Flashcards and Quiz's

Class 10 – 2 hours

- Module 4: Supply, Section B: Using and Maintaining the Master Schedule
- Module 4: Supply, Section C: Material Requirements Planning
- Online Flashcards and Quiz's

Class 11 – 2 hours

- Module 4: Supply, Section C: Material Requirements Planning (continued)
- Module 4: Supply, Section D: CRP and Scheduling
- Online Flashcards and Quiz's

Class 12 – 2 hours

- Module 4: Supply, Section E: Suppliers and Purchasing
- Module 4: Supply, Section F: Changes and Product Life Cycle Management
- Online Flashcards and Quiz's

Class 13 – 2 hours

- Module 5: Detailed Schedules, Section A: Planning Detailed Schedules
- Module 5: Detailed Schedules, Section B: Scheduling and PAC Methods
- Online Flashcards and Quiz's

Class 14 – 2 hours

- Module 5: Detailed Schedules, Section B: Scheduling and PAC Methods (continued)
- Online Flashcards and Quiz's

Class 15 – 2 hours

- Module 5: Detailed Schedules, Section C: Creating Production and Service Schedules
- Module 5: Detailed Schedules, Section D: Managing Detailed Schedules and Scheduling Materials
- Online Flashcards and Quiz's

Class 16 – 2 hours

- Module 6: Inventory, Section A: Inventory Planning
- Module 6: Inventory, Section B: Inventory and Product Costs, Value and Metrics
- Online Flashcards and Quiz's

Class 17 – 2 hours

- Module 6: Inventory, Section B: Inventory and Product Costs, Value and Metrics (continued)
- Module 6: Inventory, Section C: Itemized Inventory Management
- Online Flashcards and Quiz's

Class 18 – 2 hours

- Module 6: Inventory, Section D: Inventory Control
- Module 7: Distribution, Section A: Planning Distribution
- Online Flashcards and Quiz's

Class 19 – 2 hours

- Module 7: Distribution, Section A: Planning Distribution (continued)
- Module 7: Distribution, Section B: Replenishment and Order Management
- Online Flashcards and Quiz's

Class 20 – 2 hours

- Module 7: Distribution, Section C: Waste Hierarchy and Reverse Logistics
- Module 8: Quality, Technology and Continuous Improvement, Section A: Quality
- Online Flashcards and Quiz's

Class 21 – 2 hours

- Module 8: Quality, Technology and Continuous Improvement, Section B: Technology
- Module 8: Quality, Technology and Continuous Improvement, Section C: Continuous Improvement
- Online Flashcards and Quiz's

Class 22 – 2 hours

- Module 8: Quality, Technology and Continuous Improvement, Section C: Continuous Improvement (continued)
- APICS Exam Credits, booking and scheduling your CPIM Part 1 exam
- Techniques For Taking an APICS Exam with Confidence
- Study Strategies, Exam Day Preparation
- How to Approach Exam Questions, How to Know When You Are Ready
- Complete the Post-Test

Preparation for the 23rd Class – 4 hours

- Complete Practice Exam 1
- Complete Practice Exam 2
- Complete Final Practice Exam

Class 23 – 2 hours

- Debrief and Review answers and rationale to Final Practice Exam of 50 questions - 30 minutes
- Break - 5 minutes
- Online exam of 50 questions, including calculation questions in exam time - 70 minutes
- Feedback on online exam - 15 minutes

Total Recommended Study / Class Hours of 120 hours

- Pre-Course / Class preparation – 44 hours
- 23 of 2 hour classes – 46 hours
- Practicing with Flashcards (APICS Dictionary Definitions) outside of Online Class Hours – 10 hours
- Pre-Exam Study – 20 hours

The Fresh Connection (TFC – online supply chain simulation activity)

During the CPIM Part 1 course we will use Voting Sessions of The Fresh Connection (TFC – online supply chain simulation activity) to discuss the trade-offs between Sales, Supply Chain, Operations and Purchasing, change parameters, re-run simulation and review the results of changes in return on investment (ROI) and the Income Statement. This is an online activity with access to a TFC server in the Netherlands, the objective being to get a positive ROI on completion of the Voting Sessions of The Fresh Connection, and to achieve a good understanding of supply chain trade-offs, which includes: customer service levels, obsolescence with regard to shelf life products, safety stock, lot sizes, production intervals, frozen periods, warehouse utilization, OEE, inbound transportation frequency, VMI with Suppliers, and working capital by examining the Income Statement and graphical reports.