Procurement & Supply Chain Operations

The APICS Certified Supply Chain Professional (CSCP)

Course Introduction

This training course is designed to provide participants with a comprehensive understanding of supply chain management essentials over four days. Covering topics ranging from demand forecasting and supply chain network management to sourcing strategies, internal operations optimization, logistics management, and supply chain risk mitigation, participants will gain practical skills and theoretical insights essential for navigating the complexities of modern supply chain operations. Through a combination of theoretical lectures, practical exercises, and real-world case studies, participants will emerge equipped to excel in the dynamic field of supply chain management, integrating sustainability and emerging trends into their strategic approaches with confidence and proficiency.

Target Audience

This course is designed for professionals seeking to enhance their expertise in supply chain management and attain the APICS Certified Supply Chain Professional certification.

Learning Objectives

- Learn to collect and analyze historical and environmental demand data, influence demand through marketing activities, and build forecasts to align supply with demand effectively.
- Gain proficiency in defining and managing the supply chain network, including managing master data for customers, suppliers, products/items, engineering, and logistics, and developing and maintaining reports, analytics, and metrics.
- Align sourcing activities with demand, effectively manage categories for sourcing products and services, evaluate and select suppliers, and manage purchase orders to optimize the sourcing process.

- Plan operations, manage inventory efficiently, measure and assess performance, and analyze and utilize applicable continuous improvement philosophies such as lean principles and six sigma.
- Understand how to define and manage distribution networks, provide distribution services, evaluate trade considerations, design and manage reverse flow, and effectively manage customer and supplier relationships.

Course Outline

- **Day 01**

    Forecast and Manage Demand

    - Collect and Analyze Historical and Environmental Demand Data
    - Influence Demand Through Marketing Activities
    - Build the Forecast
    - Align Supply with Demand

    Manage the Global Supply Chain Network and Information

    - Define and Manage the Supply Chain Network
    - Manage Customer, Supplier, Product/Item, Engineering, and Logistics Master Data
    - Develop and Maintain Reports, Analytics, and Metrics
- **Day 02**

    Source Products and Services

    - Align Sourcing Activities to Demand
    - Manage Categories for Sourcing of Products and Services
    - Evaluate and Select Suppliers
    - Manage Purchase Orders

Manage Internal Operations and Inventory

    ◦ Plan Operations

    ◦ Manage Inventory

    ◦ Measure and Assess Performance

    ◦ Analyze and Utilize Applicable Continuous Improvement Philosophies (examples include lean principles, six sigma, total quality management (TQM), and theory of constraints (TOC))

- **Day 03**

Manage Supply Chain Logistics

    ◦ Define and Manage Distribution Network

    ◦ Provide Distribution Services

    ◦ Evaluate Trade Considerations

    ◦ Design and Manage Reverse Flow

Manage Customer and Supplier Relationships

    ◦ Manage Customer Relations

    ◦ Manage Supplier Relations

- **Day 04**

Manage Supply Chain Risk

    ◦ Identify Risks (examples include supply disruption, supplier compliance, financial, intellectual, and cyber risks)

    ◦ Assess Impact, Timing, or Probability of Risks

    ◦ Determine Response to Mitigate Risks

    ◦ Execute and Evaluate Risk Response

• **Day 05**

Evaluate and Optimize the Supply Chain

◦ Optimize the Supply Chain Strategy
◦ Optimize the Supply Chain Network and Processes
◦ Embed Sustainability into the Supply Chain
◦ Consider Emerging Trends (examples include intelligent supply chain, Internet of Things (IoT), quantum computing, control towers, and blockchain)

Confirmed Sessions

FROM	TO	DURATION	FEES	LOCATION
June 16, 2025	June 20, 2025	5 days	4250.00 $	UAE - Abu Dhabi
Aug. 4, 2025	Aug. 8, 2025	5 days	4950.00 $	Netherlands - Amsterdam
Nov. 17, 2025	Nov. 21, 2025	5 days	4250.00 $	UAE - Dubai