





APICS CERTIFIED SUPPLY CHAIN PROFESSIONAL (CSCP)

LEARNING SYSTEM2016 Edition, Version 4.0

TABLE OF CONTENTS

Module 1: Supply Chain Design

Module 1 Introduction

Section A: Develop the Supply Chain Strategy

- Chapter 1: Inputs to Supply Chain Strategy
 - o Topic 1: Business Model
 - o Topic 2: External Inputs to Supply Chain Strategy
- Chapter 2: Supply Chains and Supply Chain Strategy
 - o Topic 1: Supply Chains and Supply Chain Management
 - o Topic 2: Benefits of Strategic Supply Chain Management
 - o Topic 3: Supply Chain Strategy: Value Proposition
 - o Topic 4: Supply Chain Strategy: Core Capabilities
 - Topic 5: Supply Chain Strategy: Cost Structure and Revenue Model
 - o Topic 6: Supply Chain Maturity
- Chapter 3: Resolving Misalignments or Gaps
 - o Topic 1: Reasons Misalignments or Gaps Occur
 - o Topic 2: Recognizing Misalignments or Gaps
 - Topic 3: Resolving Misalignments or Gaps
- Chapter 4: Tools and Techniques
 - Topic 1: Macro and Micro Economic Considerations
 - Topic 2: Accounting and Financial Reporting Information
 - Topic 3: Strategic Analysis Tools

Section B: Design the Supply Chain

- Chapter 1: Business Considerations
 - Topic 1: Market, Financial, and Product Research and Modeling
 - o Topic 2: Reverse and Specialized Supply Chains
 - o Topic 3: Collaboration with Supply Chain Partners
- Chapter 2: Supply Chain Design
 - o Topic 1: Supply Chain Design and Configuration
 - Topic 2: Inventory, Technology, and Metrics Design
 - o Topic 3: Fulfillment Strategies Considering Market Requirements
 - Topic 4: Product Design for New Products or Requirements
 - o Topic 5: Supply Chain Network Optimization
- Chapter 3: Technology Design
 - Topic 1: Information Technology and Supply Chain Management
 - o Topic 2: Electronic Business Considerations
 - Topic 3: Key Technology Applications
 - o Topic 4: Data Acquisition and Management
- Chapter 4: Implementation Tools: Communications and Projects
 - Topic 1: Communication Considerations
 - o Topic 2: Project Management Considerations







Topic 3: Project Management Propersional (CSCP)



LEARNING SYSTEM2016 Edition, Version 4.0

Module 2: Supply Chain Planning and Execution

Module 2 Introduction

Section A: Procure and Deliver Goods and Services

- Chapter 1: Demand Management
 - o Topic 1: Components of Demand Management
 - Topic 2: Forecasting Demand
 - o Topic 3: Demand Prioritization
 - o Topic 4: Demand Management Functional Responsibilities and Interfaces
- Chapter 2: Operations Planning and Control
 - o Topic 1: Implementation of Sales and Operations Planning (S&OP)
 - o Topic 2: Master Scheduling
 - o Topic 3: Controlling Priorities
 - Topic 4: Materials and Inventory
 - o Topic 5: Capacity Management, Planning, and Control
- Chapter 3: Inventory Management
 - Topic 1: The Need for Inventory
 - o Topic 2: Aggregate and Item Inventory Management
 - Topic 3: Flow of Inventory
 - Topic 4: Functions of Inventory
 - Topic 5: Inventory-Related Cost Categories
 - o Topic 6: Effects of Inventory on the Financial Statements
 - o Topic 7: Inventory Planning
 - o Topic 8: Inventory Control
- Chapter 4: Supply Management
 - o Topic 1: Total Cost of Ownership (TCO)
 - o Topic 2: Make-Versus-Buy Analysis
 - Topic 3: Range of Buyer-Supplier Relationships
 - Topic 4: Developing Supply Plans
 - Topic 5: Contracting
 - o Topic 6: Expediting
- Chapter 5: Warehousing, Logistics, and Transportation
 - o Topic 1: Warehouse Management Introduction
 - Topic 2: Warehousing Objectives and Considerations
 - Topic 3: Warehouse Capacity Forecasting and Planning
 - Topic 4: Materials-Handling
 - Topic 5: Tradeoffs between Warehousing and Transportation Processes
 - Topic 6: Logistics Introduction
 - Topic 7: Logistics Objectives and Considerations
 - Topic 8: Transportation Objectives and Considerations
 - Topic 9: Transportation Capacity Forecasting and Planning
 - Topic 10: Use of Logistics Service Providers
 - Topic 11: Modes of Transportation and Considerations for Selection
 - Topic 12: Expediting Processes







APICS CERTIFIED SUPPLY CHAIN PROFESSIONAL (CSCP)

LEARNING SYSTEM2016 Edition, Version 4.0

- Chapter 6: Monetary, Regulatory, and Trade Considerations
 - Topic 1: Currency Considerations and Funds Flow
 - o Topic 2: Regulatory Requirements

APICS

Topic 3: Trade Considerations

Section B: Manage the Relationship with Supply Chain Partners

Chapter 1: Segmentation

APICS

- Topic 1: Segmentation and Customer-Driven Marketing
- o Topic 2: Market Segmentation
- o Topic 3: Customer and Supplier Segmentation
- o Topic 4: Segmentation by Other Supply Chain Partners
- Chapter 2: Customer Relationship Management (CRM)
 - o Topic 1: Introduction to Customer Relationship Management (CRM)
 - o Topic 2: CRM Strategy
 - Topic 3: Customer Selection or Segmentation
 - o Topic 4: Customer Relationship Types
 - o Topic 5: Performance Management
 - Topic 6: Technology Usage
- Chapter 3: Supplier Relationship Management (SRM)
 - o Topic 1: Introduction to Supplier Relationship Management (SRM)
 - o Topic 2: Supplier Selection
 - Topic 3: Supplier Relationship Types
 - o Topic 4: Performance Management
 - Topic 5: Technology Usage
- Chapter 4: Linkages between CRM and SRM
 - Topic 1: How Various Organizations Can Leverage CRM and SRM
 - o Topic 2: Negotiation and Collaboration
 - Topic 3: Terms and Conditions
 - o Topic 4: Contracts and Enforceability

Section C: Manage Reverse Logistics

- Chapter 1: Reverse Logistics
 - o Topic 1: Reverse Logistics Introduction
 - Topic 2: Strategy and Design for Reverse Logistics
 - Topic 3: Reverse Logistics Benefits and Costs
- Chapter 2: Waste Considerations
 - o Topic 1: Waste Hierarchy
 - o Topic 2: Waste Exchange and Hazardous Waste









APICS CERTIFIED SUPPLY CHAIN PROFESSIONAL (CSCP) **LEARNING SYSTEM**2016 Edition, Version 4.0

Module 3: Supply Chain Improvement and Best Practices

Module 3 Introduction

Section A: Comply with Standards, Regulations, and Sustainable Best Practices

- Chapter 1: International Standards and Regulatory Compliance
 - Topic 1: Import/Export, Intellectual Property, and Licensing Compliance
 - Topic 2: International Accounting, Tax, and Labor Laws
- Chapter 2: Corporate Social Responsibility Considerations
 - o Topic 1: Triple Bottom Line
 - o Topic 2: The UN Global Compact and the Global Reporting Initiative
 - Topic 3: Other Sustainability Guidelines
- Chapter 3: Social, Environmental, Safety, and Quality Accreditations and Certifications
 - o Topic 1: Standards, Accreditations, and Certifications
 - o Topic 2: Quality Accreditations and Certifications
 - o Topic 3: Environmental Accreditations and Certifications
 - Topic 4: Social Accreditations and Certifications
 - Topic 5: Safety Accreditations and Certifications

Section B: Manage Risk in the Supply Chain

- Chapter 1: Risk Identification
 - Topic 1: Risk Management
 - o Topic 2: Risk Identification and Documentation
 - Topic 3: Supply Chain Risk
- Chapter 2: Risk Assessment and Classification
 - o Topic 1: Qualitative Risk Analysis
 - o Topic 2: Quantitative Risk Analysis
- Chapter 3: Risk Response
 - o Topic 1: Risk Response Planning
 - o Topic 2: Preventive and Contingent Action Plans for the Supply Chain
 - Topic 3: Business Continuity and Plan Implementation
- Chapter 4: Security, Regulatory, and Compliance Concerns
 - Topic 1: Security and Regulatory Concerns
 - Topic 2: Risk Standards

Section C: Measure, Analyze, and Improve the Supply Chain

- Chapter 1: Supply Chain Metrics
 - Topic 1: Supply Chain Strategy and Metrics Selection
 - o Topic 2: Customer-Focused Metrics
 - Topic 3: Financial Metrics
 - Topic 4: Operational Metrics







APICS



APICS CERTIFIED SUPPLY CHAIN PROFESSIONAL (CSCP) **LEARNING SYSTEM**2016 Edition, Version 4.0



- o Topic 1: Measuring and Communicating Performance
- o Topic 2: SCOR Performance Measures
- o Topic 3: Measuring Operational and Financial Performance
- o Topic 4: Measuring Customer Service Levels
- Chapter 3: Continuous Improvement and Change Management
 - o Topic 1: Continuous Improvement
 - o Topic 2: Lean and Just-In-Time
 - o Topic 3: Other Continuous Improvement Philosophies
 - o Topic 4: Change Management

