

APICS CSCP Learning System, Book 1

Table of Contents

Version 5.0 APICS CSCP EXAM CONTENT MANUAL (ECM)

Certified Supply Chain Professional Learning System	1-1
Module 1: Supply Chains, Demand Management, and Forecasting	1-3
Section A: Introduction to Supply Chains	1-4
Topic 1: Supply Chain Models	1-4
Topic 2: Supply Chain Maturity and Complexity	1-11
Section B: Demand Analysis and Patterns	1-26
Topic 1: Demand Analysis	1-26
Topic 2: Demand Patterns	1-43
Section C: Demand Management	1-54
Topic 1: Demand Management	1-54
Topic 2: Influencing Demand	1-67
Section D: Forecasting	1-85
Topic 1: Forecasting Principles and Process	1-85
Topic 2: Forecasting Methods	1-89
Topic 3: Measures of Forecast Error	1-105
Section E: Supply and Demand Alignment	1-117
Topic 1: Supply and Demand Alignment	1-117
Topic 2: Sales and Operations Planning	1-122
Module 2: Global Supply Chain Networks	2-1
Section A: Supply Chain Design and Optimization	2-2
Topic 1: Supply Chain Design and Management	2-2
Topic 2: Business and IT Requirements	2-7
Topic 3: Technology Analysis and Optimization	2-13
Section B: End-to-End Connectivity and Visibility	2-24
Topic 1: Supply Chain Technology Applications	2-25
Topic 2: Connectivity, Visibility/Sharing, and Legal	2-46
Topic 3: Supply Chain Master Data	2-84
Section C: Supply Chain Metrics and Reports	2-105
Topic 1: Supply Chain Metrics, Reports, and SCOR	2-105
Topic 2: Financial and Operational Metrics and Reports	2-138

Module 3: Sourcing Products and Services	3-1
Section A: Aligning Sourcing to Demand.....	3-2
Topic 1: Make-Versus-Buy, Outsourcing, and Offshoring	3-2
Topic 2: Sourcing Requirements and Total Costs	3-15
Section B: Category Strategy for Sourcing.....	3-22
Topic 1: Supply Plans, Categories, and Segmentation	3-22
Topic 2: Supply Base Analysis and Right-Sizing	3-33
Section C: Product Design Influence	3-38
Topic 1: Product Design	3-38
Topic 2: Quality, Customization, and Sustainability	3-51
Section D: Supplier Selection, Contracting, and Use.....	3-60
Topic 1: Supplier Evaluation and Selection	3-60
Topic 2: Contracts	3-71
Topic 3: Purchase Orders	3-82
 Module 4: Internal Operations and Inventory	 4-1
Section A: Planning Operations	4-2
Topic 1: Planning Operations	4-2
Topic 2: Materials and Inventory	4-13
Section B: Capacity and Production Activity Control	4-30
Topic 1: Capacity	4-30
Topic 2: Production Activity Control	4-40
Section C: Inventory	4-48
Topic 1: Inventory	4-48
Topic 2: Replenishment Strategies	4-70
Topic 3: Traceability, Accuracy, and Disposition	4-80
Section D: Performance and Continuous Improvement.....	4-89
Topic 1: Operations, Inventory, and Financial Performance	4-89
Topic 2: Continuous Improvement	4-95
Topic 3: Quality Tools	4-105
Topic 4: Continuous Improvement Methods	4-118
 Cumulative Course Bibliography.....	 B-1
 Index.....	 I-1

APICS CSCP Learning System, Book 2

Table of Contents

Module 5: Forward and Reverse Logistics	5-1
Section A: Logistics and Distribution	5-2
Topic 1: Logistics	5-2
Topic 2: Warehousing and Materials-Handling Strategy	5-15
Topic 3: Transportation Strategy	5-35
Section B: Distribution Services and Transportation Choices	5-46
Topic 1: Distribution Services and Delivery Patterns	5-46
Topic 2: Transportation Mode and Carrier Selection	5-58
Section C: Trade Considerations	5-79
Topic 1: Legal, Security, and Regulatory Requirements	5-79
Topic 2: Import/Export Regulations and Documentation	5-88
Topic 3: Trade Zones and Blocs	5-111
Section D: Reverse Flow	5-116
Topic 1: Reverse Logistics	5-116
Topic 2: Waste	5-128
Module 6: Supply Chain Relationships	6-1
Section A: Customer Relationships	6-2
Topic 1: Customer Relationships and Segmentation	6-2
Topic 2: Customer Relationship Management	6-18
Topic 3: Customer Service Metrics and Performance	6-40
Section B: Supplier and Supply Chain Relationships	6-49
Topic 1: Supplier Relationships and Segmentation	6-49
Topic 2: Strategic Sourcing and Alliances	6-60
Topic 3: Supplier Performance	6-74
Topic 4: Supply Chain Relationship Management	6-83
Module 7: Supply Chain Risk	7-1
Section A: Risk Management and Supply Chain Risks	7-2
Topic 1: Risk Management	7-2
Topic 2: Risk Identification and Supply Chain Risks	7-18
Section B: Risk Analysis and Response	7-27
Topic 1: Risk Analysis	7-27
Topic 2: Risk Responses, Action Plans, and Business Continuity	7-42

Module 8: Optimization, Sustainability, and Technology	8-1
Section A: Optimizing Supply Chain Strategy and Tactics	8-2
Topic 1: Business and Supply Chain Strategy	8-2
Topic 2: Supply Chain Strategic Value and Optimization	8-34
Section B: Sustainability	8-66
Topic 1: Sustainable Supply Chains	8-66
Topic 2: Sustainability Guidelines and Standards	8-79
Section C: Technology Trends	8-99
Topic 1: Emerging Technology Trends	8-99
Topic 2: Technology Assessment and Implementation	8-107
 Cumulative Course Bibliography	 B-1
 Index	 I-1