



## APICS CERTIFIED IN LOGISTICS, TRANSPORTATION AND DISTRIBUTION (CLTD) 2023 to 2024 Change Document

The 2024 APICS CLTD Learning System has been updated with minor changes. This document lists the highlights of these changes. It does not cover specific sentence changes or typos.

APICS CLTD 2023 Content	APICS CLTD 2024 Content
Book Breakdown	Same as 2023.
Module and Section Breakdown	Same as 2023.
Menu Structure	Same as 2023.
Content	Dictionary References Updated to Reflect the APICS Dictionary 17th Ed. SCOR-P References Updated to Reflect those in SCOR-DS User Feedback and Additional Updates Noted Below
Quizzes	Same as 2023 except for changes noted below.
Videos	Same as 2023.
Slides	<ul style="list-style-type: none"> <li>Same as 2023 except for changes noted below.</li> <li>Updated copyright to 2024.</li> </ul>

### *Where is the content?*

The following outline identifies the content within the new 2024 Learning System in the right column. The location of the 2023 learning system is listed on the left. Moves and changes are indicated in the 2024 column.

APICS CLTD 2023 Learning System Content	APICS CLTD 2024 Learning System Content
<b>EXAM CONTENT MANUAL</b>	
<b>MODULE 1: LOGISTICS OVERVIEW AND STRATEGY</b>	
<b>Section A: Logistics Fundamentals</b>	
Topic 1: Logistics History, Definitions, and Scope	
Topic 2: Total Cost Concept and Tradeoffs	
Topic 3: Principles, Components, and Drivers of Logistics	
<b>Section B: The Role, Value, and Cost of Logistics</b>	
Topic 1: Supply Chain Management and the Role of Logistics	Updated/Edited text that once referred to force majeure



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APICS CLTD 2023 Learning System Content	APICS CLTD 2024 Learning System Content
	Updated test item cltd1223
Topic 2: The Value of Logistics Management	
Topic 3: Logistics Costing	Updated test item 1420
<b>Section C: Logistics Strategy within the Supply Chain</b>	
Topic 1: Goals and Objectives	
Topic 2: Value Propositions and Cost and Service Optimization	
Topic 3: Contracting and Budgeting	
Topic 4: Segmentation	
Topic 5: Product Life Cycles	
<b>Section D: Logistics Framework</b>	
Topic 1: Organizational Design and Supply Chain Synchronization	
Topic 2: Logistics Relationships	
Topic 3: Strategic Risk Management	
Topic 4: Talent Acquisition and Management	
<b>Section E: Strategic Performance Management</b>	
Topic 1: Performance Management	
Topic 2: Key Performance Indicators (KPIs)	
Topic 3: SCOR Model	
Topic 4: Financial Performance Metrics and Benchmarking	Updated Slide 111
<b>Section F: Reengineering and Continuous Improvement</b>	
Topic 1: Reengineering	
Topic 2: Continuous Improvement	
<b>MODULE 2: LOGISTICS NETWORK DESIGN</b>	
<b>Section A: Facilities Planning and Network Design</b>	
Topic 1: Designing or Redesigning a Logistics Network	
Topic 2: Methods for Entering Global Markets	



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APICS CLTD 2023 Learning System Content	APICS CLTD 2024 Learning System Content
Topic 3: Transportation Requirements and Network Size	
Topic 4: Facility Location Decisions and Determining Appropriate Facility Type	Updated test item 1207
Topic 5: Modeling Approaches	
Topic 6: Network Design Performance Validation	
<b>Section B: Risk Management</b>	
Topic 1: Logistics Risks and The Risk Management Process	
Topic 2: International Security Measures	
Topic 3: Business Continuity Planning	
Topic 4: Insurance	
<b>MODULE 3: SUSTAINABILITY AND REVERSE LOGISTICS</b>	
<b>Section A: Sustainability</b>	
Topic 1: Logistics Social Responsibility Considerations	
Topic 2: Sustainability in the Supply Chain	
<b>Section B: Reverse Logistics</b>	
Topic 1: Reverse Logistics and Handling Returns	Updated test item 1050
Topic 2: Reverse Logistics Activities	
Topic 3: Closed-Loop Supply Chains and Optimizing Reverse Logistics	
<b>MODULE 4: CAPACITY PLANNING AND DEMAND MANAGEMENT</b>	
<b>Section A: Forecasting</b>	
Topic 1: Forecasting Process and Methods	Added space between letters and equal signs on p 4-23
Topic 2: Interpreting Forecasts	
Topic 3: Logistics Demand Forecasting	
<b>Section B: Demand Management and Logistics Capacity</b>	
Topic 1: Introduction to and Components of Demand Management	



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APICS CLTD 2023 Learning System Content	APICS CLTD 2024 Learning System Content
Topic 2: Demand Management Process	
Topic 3: Logistics Demand Shaping	
Topic 4: Transportation and Capacity Planning	
<b>Section C: Translating Demand into Capacity Planning</b>	
Topic 1: Sales and Operations Planning	Updated test item 1357
Topic 2: Related Planning Tools	
<b>Section D: Distribution Requirements Planning (DRP)</b>	
Topic 1: DRP Basics and Inventory Planning	
Topic 2: Logistics Resource Requirements Planning and Logistics Capacity Planning	
Topic 3: DRP Process, Logic, and Ordering Policies	Updated Net Requirements Formula in text Updated Net Requirements Formula in slide 4-50
<b>Section E: Master Scheduling and Material Requirements Planning</b>	
Topic 1: Enterprise Resources Planning	
Topic 2: Master Scheduling	
Topic 3: Material Requirements Planning	
<b>Section F: Sourcing and Procurement</b>	
Topic 1: Purchasing Strategy	
Topic 2: Procurement Process	Updated language around the 3-way match of PO, invoice, and packing slip Updated test item 1393
Topic 3: Contracts and Supplier Performance Management	Updated test item 1402
<b>MODULE 5: ORDER MANAGEMENT</b>	
<b>Section A: Customer Relationship Management</b>	
Topic 1: What Is CRM?	Updated Graphic in Exhibit 5-3 on p 5-11, and slide 6
Topic 2: Implementing the CRM Process	
Topic 3: Customer Segmentation	



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APICS CLTD 2023 Learning System Content	APICS CLTD 2024 Learning System Content
Topic 4: Customer Management	
<b>Section B: Order Management Process</b>	
Topic 1: Inbound Order Management	
Topic 2: Intracompany Orders and Transfer Orders	
Topic 3: Outbound Order Management	
Topic 4: Order Channels and Order Fulfillment Channels	
<b>MODULE 6: INVENTORY MANAGEMENT</b>	
<b>Section A: Inventory Management in Logistics</b>	
Topic 1: Role of Inventory	Updated test item 1500
Topic 2: Functions of Inventory	
Topic 3: Inventory Costs	Updated test item 1516
<b>Section B: Inventory Control, Strategy, and Policy</b>	
Topic 1: Determining When and How Much to Order	
Topic 2: Managing Exceptions, Anomalies, Constraints, and Conditions of Uncertainty	
Topic 3: ABC Analysis of Inventory	
Topic 4: Transaction Management, Inventory Review, and Inventory Auditing	
Topic 5: Inventory Performance Metrics	
<b>MODULE 7: WAREHOUSE MANAGEMENT</b>	
<b>Section A: Warehouse Strategy and Tactics</b>	
Topic 1: Warehouse Strategy	
Topic 2: Warehouse Ownership Types	
Topic 3: Functions of Warehouses	
Topic 4: Specialized Warehouse Services	
Topic 5: Warehouse Documentation	
Topic 6: Warehouse Performance Management	



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APICS CLTD 2023 Learning System Content	APICS CLTD 2024 Learning System Content
<b>Section B: Warehouse Processes</b>	
Topic 1: Receiving	
Topic 2: Storage	
Topic 3: Picking	
Topic 4: Sorting/Packing and Value-Added Services	
Topic 5: Replenishment	
Topic 6: Dispatch	
<b>Section C: Warehouse Layout</b>	
Topic 1: Warehouse Design Principles and Process	
Topic 2: Facility Size	
Topic 3: Types of Layouts	
Topic 4: Optimizing Throughput, Space, and Capacity	
<b>Section D: Materials Handling and Warehouse Automation</b>	
Topic 1: Materials Handling and Conveyors	
Topic 2: Picking Systems	
Topic 3: Handling Systems	
Topic 4: Storage Systems	
Topic 5: Slotting Strategy	
Topic 6: Health, Safety, and Security	
Topic 7: Warehouse Systems and Automation	
<b>Section E: Packaging</b>	
Topic 1: Product and Packaging Fundamentals	Updated test item 1664
Topic 2: Unitization and Unit Loads	
<b>MODULE 8: TRANSPORTATION</b>	
<b>Section A: Transportation Fundamentals</b>	
Topic 1: Transportation and Transportation Cost Structure	



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APICS CLTD 2023 Learning System Content	APICS CLTD 2024 Learning System Content
Topic 2: Transportation Capabilities and Intermediaries	Updated test item 1686
Topic 3: Carrier Types	
Topic 4: Modes of Transportation and Selection Considerations	Updated slide 24 Updated test item 1134
<b>Section B: Road Transportation</b>	
Topic 1: Road Infrastructure	
Topic 2: Road Vehicle and Trailer Types	
Topic 3: Road Freight Classifications	
Topic 4: Road Structure and Operating/Service Characteristics	
Topic 5: Road Issues and Challenges	Updated test item 1726
<b>Section C: Rail Transportation</b>	
Topic 1: Rail History and Infrastructure	
Topic 2: Types of Carriers and Railcars	
Topic 3: Rail Market Structure and Operating/Service Characteristics	
Topic 4: Rail Issues and Challenges	
<b>Section D: Air Transport</b>	
Topic 1: Air Infrastructure and Types of Air Carriers and Containers	
Topic 2: Air Market Structure and Sales Strategy	Updated test item 1749
Topic 3: Air Operating/Service Characteristics	
Topic 4: Air Issues and Challenges	
<b>Section E: Ocean and Inland Waterway Transportation</b>	
Topic 1: Water Transport Infrastructure and Classifications	
Topic 2: Water Vessel Types	
Topic 3: Water Market Structure and Operating/Service Characteristics	
Topic 4: Water Issues and Challenges	



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APICS CLTD 2023 Learning System Content	APICS CLTD 2024 Learning System Content
<b>Section F: Intermodal and Other Transportation Modes</b>	
Topic 1: Intermodal and Multimodal Transportation	
Topic 2: Parcel, Courier, and Express Services	Updated test item 1786
Topic 3: Pipeline Transportation	
<b>Section G: Transportation Management</b>	
Topic 1: Transportation Network Design and Mode Selection	
Topic 2: Carrier Negotiations and Selection	
Topic 3: Fleet Management and Optimization	
Topic 4: Rate Structures	
<b>Section H: Transportation Administration</b>	
Topic 1: Transportation Documentation	
Topic 2: Tracking, Expediting, Tracing, Consolidating, and Related Metrics	
Topic 3: Routing, Transportation Costs, and Freight Settlement	
<b>MODULE 9: GLOBAL LOGISTICS CONSIDERATIONS</b>	
<b>Section A: Infrastructure and Systems</b>	
Topic 1: Macroeconomic Factors Influencing International Logistics	
Topic 2: International Infrastructure	
Topic 3: Global Logistics Performance Management	
<b>Section B: Regulations</b>	
Topic 1: International Trade	
Topic 2: International Transportation Regulations	
Topic 3: Transportation Safety and Import/Export Regulations	
<b>Section C: Customs Clearing and Documentation</b>	
Topic 1: Import/Export Process and Invoices	Updated slide 33
Topic 2: Import Documentation	





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APICS CLTD 2023 Learning System Content	APICS CLTD 2024 Learning System Content
Topic 3: Export Documentation	Updated test item 1922
Topic 4: International Transportation Documents	
Topic 5: Customs Clearance	Updated test item 1915
<b>Section D: Finance and Payment Options / Currency and Tax Considerations</b>	
Topic 1: Terms of Sale and Methods of Payment	Updated language around Incoterms 2020 Updated slide 47
Topic 2: Currency and Tax Considerations	