The APICS CLTD Learning System is a comprehensive professional development and exam preparation program. It consists of nine reading modules and interactive, web-based study tools that reflect the APICS CLTD Exam Content Manual (ECM). This program provides a comprehensive body of knowledge and standards for those in the logistics, transportation, and distribution industries.

**MODULE CONTENT**

**Module 1: Logistics Overview and Strategy**
- Outlining the principles that make logistics useful, including economic drivers
- Understanding how logistics fits within supply chain management
- Managing logistics strategy, including the logistics value proposition
- Developing flexible logistics frameworks and collaborative relationships
- Exploring strategic-level risk management
- Using fundamental performance measurements and benchmarking
- Implementing reengineering and continuous improvement philosophies

**Module 2: Logistics Network Design**
- Implementing a logistics network design process
- Considering transportation requirements driving logistics network plans
- Using tools and analyses to select node patterns and links
- Adopting risk management
- Planning for network security and business continuity

**Module 3: Sustainability and Reverse Logistics**
- Understanding how logistics plays a key role in demonstrating organizational social responsibility
- Managing the triple bottom line, including carbon footprint reductions and green initiatives
- Selecting vendors based on sustainable practices
- Demonstrating responsibility when handling and managing hazardous and dangerous materials

**Module 4: Capacity Planning and Demand Management**
- Understanding the basics of forecasting including various types of forecasts
- Shaping demand for logistics services
- Translating demand information into planning for transportation and warehousing capacity
- Providing input during S&OP and participating in collaborative planning, forecasting, and replenishment
- Planning for distribution requirements
- Managing supply, including ERP master scheduling
• Developing a process and selecting a purchasing strategy

Module 5: Order Management
• Performing customer relationship management during order management activities
• Implementing CRM to strengthen relationships
• Meeting customer needs
• Achieving service levels according to customer demand
• Managing the process steps and logistics decision points of inbound, intracompany, and outbound order management

Module 6: Inventory Management
• Understanding inventory management, planning, and control
• Contrasting stakeholder expectations for inventory management
• Summarizing the different functions or purposes inventory serves in a business
• Illustrating the major types of inventory costs
• Differentiating approaches to safety stock and determinations of when to order
• Performing calculations related to standard deviation, economic order quantity, and reorder points
• Describing lean, just-in-time, ABC, vendor-managed inventory, and other alternative approaches
• Listing common performance metrics

Module 7: Warehouse Management
• Understanding warehousing strategies and determining which to use
• Considering physical aspects and tactics related to warehousing design
• Exploring warehousing challenges and trends
• Summarizing warehouse ownership types and functions
• Determining warehouse operations performance measures
• Diving deep into warehouse processes, layouts, materials handling, systems and automation, and packaging

Module 8: Transportation
• Outlining transportation fundamentals including cost structure, stakeholders, capabilities, carrier types, mode classifications, and selection considerations
• Diving deep into the modes of transportation including road, rail, air, water, pipeline, intermodal, and parcel/courier
• Managing transportation according to guiding principles
• Considering tradeoffs when designing transportation networks, selecting carriers and modes, and planning routes and schedules
Module 9: Global Logistics Considerations

- Examining current factors in the global logistics space
- Staying competitive while balancing cost and level of service
- Exploring the history of international trade theories and infrastructure
- Discussing global logistics performance indicators and trade specialists
- Complying with international trade regulations
- Preparing customs documentation
- Discussing finance, payment options, terms of sale, payment methods, currency issues, trade zones, and hedging