

CLT Certificate in Supply Chain and Logistics Management

Why Attend

- Supply chain and logistics management have been among the fastest evolving business disciplines over the past two decades. The continuous arrival of innovative concepts and techniques into the mainstream has resulted in a non-stop journey of learning and development for professionals in supply chain and logistics. This course covers the latest essential practices in forecasting, planning, procurement, transportation, warehousing and logistics. It also covers the Supply Chain Operations Reference (SCOR) framework for continuous performance improvement across the supply chain.

Course Methodology

- This course leverages a variety of learning tools including individual exercises, group discussions, case studies and videos.

Course Objectives

By the end of the course, participants will be able to:

- Recognize trends and modern practices in supply chain and logistics management
- Practice forecasting and inventory optimization techniques
- Appraise item categories and formulate appropriate sourcing strategies
- Describe the role and objectives of transportation management in logistics
- Use value adding warehousing techniques
- Apply the Supply Chain Operations Reference (SCOR) framework for management of supply chain performance

Target Audience

- Supply chain and logistics professionals, in particular those at the operational, supervisory and management level. In addition, this course is ideal for those seeking to complement their supply chain and logistics experience with the latest theoretical knowledge in preparation for assuming a higher position.

Target Competencies

- Supply chain management
- Logistics
- Forecasting and materials planning
- Transportation
- Warehousing
- Reverse logistics
- Sustainable operations

Modern supply chain and logistics trends

- Supply chain overview
- Role of logistics
- Sustainability in supply chains and logistics
- Supply chain configuration
- 3PL concepts
- 4PL concepts

Materials forecasting and inventory planning

- Qualitative forecasting theories
- Forecasting panels
- Thought leaders
- Delphi technique
- Quantitative forecasting techniques
- Seasonal demand forecasting
- Moving average
- Weighted moving average
- Exponential smoothing
- Forecasting error
- Identifying bias
- Determining economic order quantities
- Determining reorder points
- Replenishment strategies
- Make-to-stock
- Make-to-order
- Assemble-to-order

Procurement and go-to-market strategies

- Role of procurement
- Procurement process flows
- Sourcing strategies
- Vendor management
- Partnerships and alliances

Role of transportation and shipping in logistics

- Definition of fleet management
- Objectives and costs of fleet management
- Transportation modes
- Optimized routing and cubing
- Incoterms for international commerce

Role of warehousing in logistics

- Warehousing network design
- Configuration of warehousing space
- Value adding activities
- Stockpiling, spot stocking and assortments
- Cross docking, break bulking and consolidation
- Mixing, postponement and assembly-to-order
- Warehousing equipment and tools
- Reverse logistics

Supply Chain Operations Reference (SCOR) framework for performance management

- SCOR framework overview
- Identifying level 1, 2 and 3 SCOR metrics
- Customizing level 4 SCOR metrics
- Setting performance targets
- Continuous performance improvement