Certified Supply Chain and Logistics Management

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Procurement

Supply Chain

Distribution

Time to Market

Certified Supply Chain and Logistics Management

Description:

Supply chain and logistics management have been among the fastest evolving business disciplines over the past 2 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 SCOR Framework for continuous performance improvement across the supply chain.

Course Methodology:

This course leverages a variety of learning tools including: exercises, case studies and videos.

Target Audience:

Supply chain and logistics professionals, in particular those at operational, supervisory and management level. The 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

Associations:

Chartered Institute of Logistics and Transport (CILT) : BTS is an Approved Training Provider (ATP) in the region for the Chartered Institute of Logistics and Transport (CILT). Established in 1919, CILT is the world's leading supply chain, logistics and transport professional body with over 33,000 members across the globe. CILT seeks to add value to individual and corporate members by enhancing their knowledge, careers, and businesses by setting, supporting and delivering professional standards and education in the fields of logistics, transport and supply chain. By attending BTS's CILT accredited courses, participants can earn CPD units as well as attain modular unit award courses that can be combined for international certification.

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 Supply Chain Operations Reference (SCOR) framework for management of supply chain performance

Course Outline:

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

  o Forecasting panels
  o Thought leaders
  o Delphi technique

- Quantitative forecasting techniques

  o Seasonal demand forecasting
  o Moving average
  o Weighted moving average
  o Exponential smoothing
  o Forecasting error
  o Identifying bias

- Determining economic order quantities

- Determining reorder points
- Replenishment strategies

    o Make-to-stock

    o Make-to-order

    o 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

    o Stockpiling, spot stocking and assortments

    o 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