

Logistics: Transportation & Warehousing



Course Code:
SCM 532

Course Description:

Logistics management is a critical company function. Professionals in this field play a key role in fulfilling customer demands, ordering and managing inventory, controlling inbound and outbound shipments, reducing costs, saving time, and meeting company objectives. This course will not only show you how to create and operate a logistics function, but it will also show you how to achieve success through a combination of strategies and tactics. All elements of logistics management will be covered, including warehousing strategies, material handling, packaging, transportation, order fulfillment, customer service, and inventory management.

Learning Outcomes

- ◇ To understand the core concepts and techniques important to analyzing business logistics problems;
- ◇ To know how the components of logistics systems (stakeholders, transportation, warehousing, & inventory etc.) are related to and interact with each other;
- ◇ To be able to measure customer service levels;
- ◇ To be able to identify transportation and warehousing tradeoffs;
- ◇ To be able to gauge the performance of logistics system.

Eligibility:

-16 Years education with three year's post qualification work experience
Or
-14 years education with six year's post qualification work experience
In any subject from HEC recognized university



Course Content

- ◆ Role of Logistics in Supply Chain Management;
- ◆ Logistics: Functions, Goals and Strategies; Flow of goods and information;
- ◆ Logistics Service Providers: 3PLs & 4PLs;
- ◆ Reverse Logistics: Motivating factors; Hierarchy; How to make it profitable?;
- ◆ Transportation Management: Transportation Decisions; Temporary Storage; Stakeholders & their interaction; Modes; Transportation Mode Selection Criteria; Traffic Management;
- ◆ Industry specific Transportation Risks/Challenges (e.g. Cold Chain Carriers in Perishable Goods); Environmental Issues (e.g. Carbon Footprint);
- ◆ Transportation related Standards (e.g. ISO 28000) and Regulations (e.g. Kyoto Protocol);
- ◆ Distribution operation;
- ◆ Warehousing Management: History; Objectives; Capabilities; Developing & Managing Warehouse Resources; Layout; Material Handling Options; Warehouse Management System (WMS); Barcodes; RFIDs; ASRS; Robots (e.g. Keva); Inventory Management; Multi-echelon inventory control models;
- ◆ Industry specific Warehousing Risks/Challenges (e.g. Cold Storage in Perishable Goods);
- ◆ Warehouse related Standards (e.g. ISO 22000, HACCP) and Regulations;
- ◆ Transportation & Warehousing Tradeoffs; Owned vs. Leased Warehouses;
- ◆ Design for Logistics; KPIs for Logistics;
- ◆ Elements of Logistics Systems: Demand & Order Management; Packaging; Customer Satisfaction;
- ◆ Procurement and International Logistics;
- ◆ Interaction of Govt., Carrier & User Logistics;
- ◆ Managerial & statistical data techniques for Logistic Analysis;
- ◆ Organizing, Analyzing and Controlling Logistics Systems;
- ◆ LIS: Logistical Information System.

Schedule :

Total 12 classes (3 hour each week) on weekends from 25th April 2015 to 16th August 2015

Fees :

PKR 40,000/participant

Includes Mid-Terms & Final Exams, 3 Credits & IBA Certificate (Does not include Course Material)

For Registrations:

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