



Logistic and Supply Chain Management

Course Description:

This course prepares students for employment in the field of Logistics and Supply Chain Management. Logistics and Supply Chain Management focuses on efficiently managing systems of people, resources, information that deal with the movement of a product or service from supplier to customer. Logistics entails planning and organizing the whole moving process. Students participating in this Course topics will learn supply chain management, detailed scheduling and planning, material requirements planning, capacity requirements planning, inventory management, supplier planning, procurement, operations execution and control, production processes, quality incentives, inventory control, planning of resources, forecasting and scheduling, strategic management of resources, and integrating operating processes into the strategic plan. The aim is to optimize the logistics and supply chain in the most cost-effective way, helping companies to build a competitive edge.

Course Outline:

Microsoft Basics

Fundamentals of Law, Negotiations, Logistics, and Operations

Security, Compliance, Customs, and Freight Procedures

Course Outcomes:

At the end of the course the student will be able to:

- Deal with sourcing raw materials and components required by companies to manufacture their products.
- Understand market needs, planning methods, and controlling supply flows.
- Design supply chain networks as well as financial and information flows.
- Use fundamental models to make trade-offs between forecasting, inventory, and transportation.
- Understand how global supply chains and national and international markets function.
- Understand about e-commerce and find ways to use this knowledge for strategic sourcing.
- In-depth understanding of procurement, warehousing, stores management, transportation, and shipping, inventory planning and contract management.

Career Opportunities



Graduates of this certificate program will be able to start their career with entry-level positions in medium to large-sized companies as an:

- Client Services Administrator
- Logistician
- Production Planner
- Supply Management Specialist

Course Duration:

105 Hours