

LOG201e Supply Chain Management

Level: 2

Credit Units: 5 Credit Units

Language: ENGLISH

Presentation Pattern: EVERY JULY

E-Learning: BLENDED - Learning is done MAINLY online using interactive study materials in Canvas. Students receive guidance and support from online instructors via discussion forums and emails. This is supplemented with SOME face-to-face sessions. If the course has an exam component, this will be administered on-campus.

Synopsis:

It is difficult to visualise any product that can reach a customer without logistical support. Yet it is only in recent years that organisations have started focussing on logistics and supply chain management as a source of competitive advantage. There is a realisation that no company can do any better than its logistics system. This course provides students with an insight and understanding of the supply chain from the managerial viewpoint. It will explore state-of-the-art strategies, models and practical tools for integrating the supply chain in ways that reduce system-wide costs and improve system-wide service. Students will learn how logistical decisions impact the performance of the organisation as well as the entire supply chain.

Topics:

- Introduction to Supply Chain Management
- Supply Chain Drivers and Metrics
- Distribution Network in a Supply Chain
- Transport in a Supply Chain
- Network Design in the Supply Chain
- Designing Global Supply Chain Networks
- Demand Forecasting in a Supply Chain
- Aggregate Planning in a Supply Chain
- Sales and Operations Planning
- Sourcing Decisions in a Supply Chain
- Information Technology in a Supply Chain
- Pricing and Revenue Management in a Supply Chain
- Coordination in a Supply Chain
- Benchmarking with the Supply Chain Operations Reference Model

Textbooks:

Chopra, S. and Meindl, P.: Supply Chain Management: Strategy, Planning, and Operation 6 PEARSON
ISBN-13: 9781292093574

Chopra, S. and Meindl, P.: Supply Chain Management: Strategy, Planning, and Operation 6 PEARSON
ISBN-13: 9781292093574-AA

Learning Outcome:

- Explain the importance of supply chain decisions and the roles of major drivers of supply chain performance.
- Apply effective distribution and transport network designs in a supply chain.
- Examine the design of the supply chain network and the risks associated with global supply chains.
- Solve problems related to demand-supply matching in a supply chain.
- Describe the importance of sourcing, information and pricing in a supply chain.
- Outline the importance of coordination in a supply chain.
- Use the Supply Chain Operations Reference (SCOR) model to benchmark supply chain performance.
- Relate the strategies and techniques in supply chain management to the work environment.
- Develop the essential knowledge and interpersonal skills to work effectively in a team.
- Demonstrate written proficiency.

Continuous Assessment Component	Weightage (%)
PRE-COURSE QUIZ	2
PRE-COURSE QUIZ	2
PRE-COURSE QUIZ	2
PARTICIPATION	6
GROUP BASED ASSIGNMENT	38
Sub-Total	50

Examinable Component	Weightage (%)
Written Exam	50
Sub-Total	50

Weightage Total **100**