

# LOG201 Supply Chain Management

**Level:** 2

**Credit Units:** 5 Credit Units

**Language:** ENGLISH

**Presentation Pattern:** EVERY JULY

## **Synopsis:**

The marketplace has become a 24/7/365 environment with globalisation, e-commerce and rapid advances in technology. Suppliers, manufacturers and customers can be located anywhere in the world. Managing the global supply chain has become ever so complex and uncertain. Trade wars, infectious disease outbreaks, natural disasters, political unrest, terrorism, changing customer needs and economic uncertainty have clouded the picture. LOG201 Supply Chain Management equips students with an understanding of the supply chain from the managerial perspective in today's dynamic business climate. It explores state-of-the-art strategies, industry best-practices and managerial tools for decision-making in supply chains. Students will learn how to make informed decisions that can enhance not only responsiveness and accuracy, but also resilience and sustainability in the supply chain.

## **Topics:**

- Introduction to Supply Chain Management
- Society and the Supply Chain
- Facilities, Inventory and Transport in the Supply Chain
- Information, Sourcing and Pricing in the Supply Chain
- Designing the Supply Chain Network
- Managing Disruptions in the Supply Chain
- Aggregate Planning in the Supply Chain
- Planning Supply and Demand in the Supply Chain
- Coordination in the Supply Chain
- Managing Relationships with Customers and Suppliers
- Innovation and the Supply Chain
- Sustainability and the Supply Chain

## **Textbooks:**

Chopra, S. and Meindl, P.: Supply Chain Management: Strategy, Planning, and Operation 7 PEARSON  
ISBN-13: 9781292294834

**Learning Outcome:**

- Explain the importance of supply chains to organisations and society.
- Recognise the key metrics that can track supply chain performance.
- Analyse the design of the supply chain network and strategies to enhance supply chain resilience.
- Develop solutions to manage demand and supply in the supply chain.
- Examine the impact of supply chain coordination as well as relationships with customers and suppliers on supply chain performance.
- Indicate the importance of innovation and sustainability in the supply chain.

**Assessment Strategies (Daytime Class):**

Components	Description	Weightage Allocation (%)
Overall Continuous Assessment	PARTICIPATION 1	10
	TUTOR-MARKED ASSIGNMENT 1	20
	GROUP BASED ASSIGNMENT 1	20
Overall Examinable Components	Written Exam	50
<b>Total</b>		<b>100</b>

**Assessment Strategies (Online Class):**

Components	Description	Weightage Allocation (%)
Overall Continuous Assessment	PRE-CLASS QUIZ 1	2
	PRE-CLASS QUIZ 2	2
	PRE-COURSE QUIZ 1	2
	DISCUSSION BOARD 1	10
	GROUP BASED ASSIGNMENT 1	10
	PARTICIPATION 1	6
	TUTOR-MARKED ASSIGNMENT 1	18
Overall Examinable Components	Written Exam	50
<b>Total</b>		<b>100</b>