



## Course Descriptor MNGT310 SUPPLY CHAIN MANAGEMENT

<b>Proposed Academic Year</b>	2020/21	<b>Last Reviewed Academic Year</b>	2019/20
<b>Course Code</b>	MNGT310	<b>Course Title</b>	Supply Chain Management
<b>Credit hours</b>	3	<b>Level of study</b>	Undergraduate – Year Three
<b>College / Centre</b>	COBA	<b>Department</b>	Management
<b>Co-requisites</b>	None	<b>Pre-requisites</b>	MNGT201

### 1. COURSE OUTLINE

This course introduces students the basic principles and practices of supply chain management and Supply chain management's core processes - planning, sourcing, making, delivering, and returning - are critical across industry sectors, from manufacturing to retailing to business services providing students with basic knowledge, managing and improving a supply chain process. The motive of this course is to make students understand the major issues and challenges faced by manufacturer and distributor across the supply chain process and over all supply chain surplus and profitability.

### 2. AIMS

The aim of this course is to make understand the students with the basic knowledge of supply chain and its importance roles of drivers across supply chain process, and the role of distribution network and its important across supply chain management, during uncertain demand of supply chain, and forecasting various techniques to meet the demand of the product and fulfill the customer's expectation in a minimum lead time. This course will also make understand the role of logistics in supply chains and setting up facilities in different location to meet the responsiveness of the customers very efficiently.

### 3. LEARNING OUTCOMES, TEACHING, LEARNING and ASSESSMENT METHODS

<b>Learning Outcomes (Definitive)</b>	<b>Teaching and Learning methods (Indicative)</b>	<b>Assessment (Indicative)</b>
Upon successful completion of this course, students will be able to:		
<b>1</b> Evaluate the nature of supply chains and its decisions, and, Competitive and supply chain strategies, achieving strategic it and expanding strategic scope	Lecturers, PPP & Group Discussion and Case studies(applicable)	class tests, quiz & participation
<b>2</b> Evaluate Supply chain drivers and its performance, role of distribution in SC, factors influencing distribution network design, design option and practice	Lecturers, PPP & Group Discussion and Case studies(applicable)	class tests, quiz & participation
<b>3</b> Synthesize the role of network design in a SC, factors influencing network design decisions, optimization for facility location, designing global supply chain networks and its cost affect, and global sourcing decision.	Lecturers, PPP & Group Discussion and Case studies(applicable)	class tests, quiz & participation
<b>4</b> Evaluate the demand forecast in Supply chains and its characteristics, and also Coordination and obstacles in the supply chain	Lecturers, PPP & Group Discussion and Case studies(applicable)	class tests, quiz & participation



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**4. ASSESSMENT WEIGHTING**

Assessment	Percentage of final mark (%)
Mid-term Examination - 1	25
Mid-term Presentation - 2	25
Class Activity (Participation/ Case Discussion/ Presentation/ Quiz)	10
Final Examination	40
<b>TOTAL</b>	<b>100%</b>

**5. ACHIEVING A PASS**

The student will achieve pass by accumulating 50% of the course total allocated marks.

Letter grade distribution is as follows:

**Grading system**

GRADE	VALUE	GRADE
A	4.0	95-100
A-	3.7	90-94
B+	3.3	85-89
B	3.0	80-84
B-	2.7	75-79
C+	2.3	70-74
C	2.0	65-69
C-	1.7	60-64
D+	1.3	55-59
D	1.0	50-54
F	0.0	0-49

**6. COURSE CONTENT :**

WEEK	LECTURE TOPIC	TIME (HOURS)
1	INTRODUCTION	3
2	Understanding the Supply Chain	3
3	Supply Chain Performance: Achieving Strategic Fit and Scope	3
4	Supply Chain Drivers and Obstacles	3



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5	<b>Designing the Distribution Network in a Supply Chain</b>	3
6	<b>Network Design in the Supply Chain</b>	3
7	<b>Chapter Revision and First Mid-term test</b>	3
8& 9	<b>Network Design in an Uncertain Environment</b>	3
10	<b>Demand Forecasting in a Supply Chain</b>	3
11	<b>Aggregate Planning in the Supply Chain</b>	3
12	<b>Coordination in the Supply Chain</b>	3
13&14	Class activities	3
15	<b>Project Presentation</b>	3
16	<b>FINAL EXAM WEEK</b>	3
	<b>TOTAL HOURS</b>	<b>48</b>
1 - 16	Plus recommended independent Study Hours	<b>48</b>
	<b>TOTAL COURSE HOURS</b>	<b>96</b>

**7. RECOMMENDED READING**

Chopra, S. and Meindl, P. (2019), *Supply Chain Management: Strategy, Planning, and Operation*, 7th ed., Pearson Education Limited.

**Library + online resources:**

Mangan, J. and Lalwani, C.C. (2016), *Global Logistics and Supply Chain Management*, Wiley, available at: <https://books.google.com.om/books?id=5BsWCgAAQBAJ>.

**Open Educational Resources:**

<https://www.coursera.org/specializations/supply-chain-management>  
<https://www.coursera.org/learn/supply-chain-principles>