

## Liverpool John Moores University

Title: Supply Chain Operations  
Status: Definitive  
Code: **5058BUSBM** (121551)  
Version Start Date: 01-08-2021

Owning School/Faculty: Business and Management  
Teaching School/Faculty: Business and Management

Team	Leader
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**Academic Level:** FHEQ5      **Credit Value:** 20      **Total Delivered Hours:** 44  
**Total Learning Hours:** 200      **Private Study:** 156

### Delivery Options

Course typically offered: Semester 2

Component	Contact Hours
Lecture	11
Seminar	11
Workshop	22

**Grading Basis:** 40 %

### Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Report	2500AR	This is a 2500 analytical report.	70	
Presentation	15SP	15 minutes group presentation on findings from a scenario analysis of different supply strategies.	30	

### Aims

*This module aims to provide students with an understanding of the various components, processes, and strategic issues in supply chain operations. It introduces students to the many critical facets of supply chain management and*

*illustrates the importance to successful supply chain practices.*

## **Learning Outcomes**

After completing the module the student should be able to:

- 1 Identify components of a supply network and understand the boundaries of supply chain operations.
- 2 Illustrate what a process approach to supply chain management means and describe technologies used in efficient supply chain operations.
- 3 Plan and design supply network processes based on 'best practice'.
- 4 Demonstrate the importance of having the appropriate logistics network design.
- 5 Evaluate supply chain strategies with the aim of improving them, using state-of-the-art models, concepts and solution methods.

## **Learning Outcomes of Assessments**

The assessment item list is assessed via the learning outcomes listed:

2500 word Analytical Report	1	2	3	4	5
15min Strategy Presentation	3	4	5		

## **Outline Syllabus**

*Understanding the Supply Chain*  
*Process Mapping*  
*Inventory Management*  
*Network Design*  
*Information Technology in Supply Chain*  
*The Synchronous Supply Chain*  
*Planning Supply and Demand*  
*Distribution Strategies*  
*Global Logistics and Risk Management*

## **Learning Activities**

Lectures (Introduction of theory and concepts, discussions- Development of cognitive skills)  
Workshop (Beer games, scenario analysis- Development of Psychomotor skills)  
Seminars (Group Presentations, Case study analysis- Development of Affective skills)

## **Notes**

This module is designed to help students understand how organisations use the supply chain to create value for their customers. It starts off with process mapping,

which is a basic skill any supply chain manager or practitioner should have and then goes on to cover other topics ranging from inventory management, logistics network planning, supply contracts, information technology, risk management etc. With the use of beer game simulation and case study examples, student can appreciate the relevance of theory to practice and vital skills such as problem solving; critical thinking; analytical; communication and interpersonal skills will be developed through class exercises, projects and presentations.