

Summary Information

Module Code	7162MARDL
Formal Module Title	Logistics and Supply Chain Management
Owning School	Engineering
Career	Postgraduate Taught
Credits	20
Academic level	FHEQ Level 7
Grading Schema	50

Module Contacts

Module Leader

Contact Name	Applies to all offerings	Offerings
Dimitrios Paraskevadakis	Yes	N/A

Module Team Member

Contact Name	Applies to all offerings	Offerings
Jun Ren	Yes	N/A

Partner Module Team

Contact Name	Applies to all offerings	Offerings
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Teaching Responsibility

LJMU Schools involved in Delivery
Engineering

Learning Methods

Learning Method Type	Hours
Lecture	24
Online	2
Tutorial	10

Module Offering(s)

Offering Code	Location	Start Month	Duration
APR-CTY	CTY	April	12 Weeks
OCT_NS-CTY	CTY	October (Non-standard start date)	12 Weeks

Aims and Outcomes

Aims	To provide an insight into the principles of logistics and supply chain management with particular reference to its application in the global business environment.
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Learning Outcomes

After completing the module the student should be able to:

Code	Description
MLO1	Develop a critical awareness of logistics and supply chain management holistically and in terms of their component parts
MLO2	Analyse a range of management models within the global logistics environment
MLO3	Appraise the interaction between global logistics and supply chain management and the international trade market
MLO4	Critically analyse current developments in logistics and supply chain management and their impact

Module Content

Outline Syllabus

Introduction to logistics and supply chain management - Distribution channels and their management, logistics network planning
 Globalisation - The integration of logistics systems into the global trading market
 Outsourcing - An evaluation of the roles of intermediaries in international logistics market
 Customer service implications - The driving forces behind global logistics from the perspective of customers for the services provided.
 Inventory management and lean and agile logistics - An overview of these concepts – and the related discipline of just-in-time – including an appraisal of effective management in a complex international situation. Beer Game
 Benchmarking - An examination of best practice in logistics management, including case studies into some of the world's leading exponents
 Logistics and supply chain risk management – An overview of risks management in logistics and supply chain management, some common methods for risk assessment
 Modelling logistics flow and supply chain operations covering product cost, sales, and profit
 Global supply chain modelling, simulation, sensitivities, quantitative analysis and supply chain performance appraisal
 Green/Sustainable Logistics and SCM

Module Overview

Additional Information

This module provides a systematic introduction to the main elements in the logistics and supply chain management. The module is delivered via distance learning, described as follows:
 Lecture: Slides and slide notes for self-study.
 Tutorial: Online activities and exercises with teacher feedback. Virtual classrooms.
 Email support.
 Online: summative tests

Assessments

Assignment Category	Assessment Name	Weight	Exam/Test Length (hours)	Learning Outcome Mapping
Report	Report	40	0	MLO2, MLO1
Report	Practical	40	0	MLO4, MLO3
Portfolio	Individual & group activities	20	0	MLO2, MLO1, MLO4, MLO3