

Module Information

2022.01, Approved

Summary Information

Module Code	6104MAR
Formal Module Title	Global Supply Chain Management and Multimodal Logistics
Owning School	Engineering
Career	Undergraduate
Credits	20
Academic level	FHEQ Level 6
Grading Schema	40

Teaching Responsibility

LJMU Schools involved in Delivery
Engineering

Learning Methods

Learning Method Type	Hours
Lecture	20
Online	10
Tutorial	3

Module Offering(s)

Display Name	Location	Start Month	Duration Number Duration Unit
SEP-CTY	CTY	September	12 Weeks

Aims and Outcomes

Aims	To develop knowledge and understanding of global supply chain management from the upstream functions of procurement and operations to the downstream decision making framework for the multimodal transportation of goods.
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After completing the module the student should be able to:

Learning Outcomes

Code	Number	Description
MLO1	1	Understand and critically evaluate the challenges of managing networks of international suppliers and customers.
MLO2	2	Analyse appropriate frameworks the process of supplier selection and evaluation for the creation of competitive advantage.
MLO3	3	Analyse the supply and demand of freight transport services based on integrated modal choice decision making frameworks.
MLO4	4	Develop an appreciation of relevant transport projects' findings influencing policy formulation with the involvement of the private and the public sector.

Module Content

Outline Syllabus	Upstream and downstream supply chain management; International trade and globallogistics.Supplier selection and evaluation criteria; Strategic procurement; Value chainanalysis and competitive advantage.Lean logistics and added value activities; Materials planning and controlling followingpurchasing.Modal choice and transport chain management; Intermodal route planning.Regional logistics gateways and emerging megaregions; Transport infrastructure networks and intermodal corridors; Green and sustainable logistics solutions.Research projects in intermodal transport and formulation of transport policy; Anoverview in different continents and best practises.
Module Overview	The aim of this module is to develop knowledge and understanding of global supply chain management from the upstream functions of procurement and operations to the downstream decision making framework for the multimodal transportation of goods.
Additional Information	Final year module looking at operational and organisational aspects of Global Supply Chain Management and Multimodal Logistics

Assessments

Assignment Category	Assessment Name	Weight	Exam/Test Length (hours)	Module Learning Outcome Mapping
Report	Report 2500 words	40	0	MLO1, MLO2
Centralised Exam	Examination	60	2	MLO1, MLO2, MLO3, MLO4

Module Contacts

Module Leader

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

Partner Module Team

Contact Name	Applies to all offerings	Offerings
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