

Module Information

2022.01, Approved

Summary Information

Module Code	6608TECYPC
Formal Module Title	Supply Chain and Logistics Management
Owning School	Engineering
Career	Undergraduate
Credits	20
Academic level	FHEQ Level 6
Grading Schema	40

Teaching Responsibility

LJMU Schools involved in Delivery
LJMU Partner Taught

Learning Methods

Learning Method Type	Hours
Lecture	24
Seminar	18
Workshop	24

Module Offering(s)

Display Name	Location	Start Month	Duration Number Duration Unit
JAN-PAR	PAR	January	12 Weeks

Aims and Outcomes

Aims	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. It is designed to convey the importance of the integration of customer service objectives with other elements of a supply chain, in the context of expected future business trends, including the development of e-business. The module looks into how the integration can be achieved in practice.
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After completing the module the student should be able to:

Learning Outcomes

Code	Number	Description
MLO1	1	Explain the nature of the business landscape and the expected future trends including outsourcing, supply chain management, and e-business
MLO2	2	Understand and critically evaluate the challenges of managing networks of international suppliers and customers
MLO3	3	Analyse appropriate frameworks for the process of supplier selection and evaluation for the creation of competitive advantage
MLO4	4	Analyse the supply and demand of freight transport services based on integrated modal choice decision making frameworks

Module Content

Outline Syllabus	1. Global Supply Chain Management and Multimodal Logistics 2. Purchasing and Strategy 3. Supplier Relationships 4. Materials Management with the ERP Systems 5. Modal Choice and Standardisation Issues in Intermodal Transport Operations 6. Global Transport Geography: Sustainable Logistics Gateways and Megaregions 7. Global Supply Chain Security and Resilience 8. Managing Global Supply Chain Projects 9. Demand and Order Management 10. Managing Inventory in the Supply Chain
Module Overview	
Additional Information	This module is designed to engage students with some practical knowledge on managing supply chain and logistics in organisations. Supply chain and logistics knowledge is crucial for organisations with online presence and platforms (e.g., e-commerce). As businesses are now digitalised, this module will help students to understand the supply chain and logistics arrangements for pure-clicks, click-and-mortals in addition to traditional brick-and-mortals.

Assessments

Assignment Category	Assessment Name	Weight	Exam/Test Length (hours)	Module Learning Outcome Mapping
Report	Report writing	50	0	MLO1, MLO2
Report	Coursework	50	0	MLO3, MLO4

Module Contacts

Module Leader

Contact Name	Applies to all offerings	Offerings
Karl Jones	Yes	N/A

Partner Module Team

Contact Name	Applies to all offerings	Offerings
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