

Liverpool John Moores University

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Title: Transport and Supply Chain Management
Status: Definitive
Code: **5512DAV** (128040)
Version Start Date: 01-08-2021
Owning School/Faculty: Engineering
Teaching School/Faculty: German Academy for Foreign Trade and Logistics

Team	Leader
Ben Matellini	Y

Academic Level: FHEQ5 **Credit Value:** 20 **Total Delivered Hours:** 80
Total Learning Hours: 200 **Private Study:** 120

Delivery Options

Course typically offered: Semester 2

Component	Contact Hours
Lecture	40
Workshop	40

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Report	AS1	Written Report	50	
Presentation	AS2	Group Presentation	50	

Aims

To examine operational aspects of supply chain management, elements of logistics, and the various freight transport modes, and to identify themes and issues in management of these.

Learning Outcomes

After completing the module the student should be able to:

- 1 Demonstrate understanding of the basic concepts relating to transport and supply chain management.
- 2 Design a logistics system for a particular application.
- 3 Appraise the weaknesses and strengths of a logistics system.
- 4 Prepare a complete transportation tender submission including cost calculation.
- 5 Convincingly present a tender submission in front of a virtual client.

Learning Outcomes of Assessments

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

Written Report	1	2	3
Group Presentation	2	4	5

Outline Syllabus

1. *Transport and Supply Chain Management*
 - Value Chains and Customer Needs*
 - Global Supply Chain Integration*
 - International Multimodal Transportation*
2. *Tender Management*
 - Pre-Qualifications*
 - Analysis of Tender Documentation*
 - System Analysis and Proposal Development*
 - Key Performance Indicators and Service Levels*
 - Tender Cost Calculation*
 - Tender Presentation and Negotiation*

Learning Activities

Integrated series of formal lectures and tutorials.

Notes

Students learn about the managerial issues arising from interconnected supply chains. They study demand and requirements from industrial and trade companies, and the role of logistics service providers. The resulting transport operations based on different Supply Chain set-ups will be studied as well as the designing itself. During this topic - Tender Management - students work in groups to develop a logistics concept incl. cost calculation. The resulting concepts will be presented for assessment. The lecture is held by industry-specialists who share expert knowledge and latest developments.