

Liverpool John Moores University

Title: Global Transport Systems
Status: Definitive
Code: **7142MAR** (122679)
Version Start Date: 01-08-2021

Owning School/Faculty: Engineering
Teaching School/Faculty: Engineering

Team	Leader
Christos Kontovas	Y

Academic Level: FHEQ7 **Credit Value:** 10 **Total Delivered Hours:** 18
Total Learning Hours: 100 **Private Study:** 82

Delivery Options

Course typically offered: Semester 1

Component	Contact Hours
Lecture	12
Tutorial	6

Grading Basis: 50 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Report	AS1	Written coursework	100	

Aims

To develop an insight into freight transport operations on an international scale, with particular reference to the role of intermodality

Learning Outcomes

After completing the module the student should be able to:

- 1 Demonstrate a critical understanding of the range of transport options available to an international shipper
- 2 Appraise the effectiveness of multimodal transport systems in satisfying shippers' needs
- 3 Analyse current issues affecting the global transport market

Learning Outcomes of Assessments

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

Written coursework 1 3 2

Outline Syllabus

Transport modes and terminals
International trade and freight distribution
International transport and trends – sea, aviation, road, rail
Transportation of bulk consignments
Financial, environmental and technological developments
Intermodal transport operation and system design
Policy issues

Learning Activities

A programme of lectures supported by tutorials

Notes

This module familiarises students with the range of transport options available to an international shipper to provide and insight into operational and economic matters and to develop a framework for transport mode selection.