

## Liverpool John Moores University

Title: INTERNATIONAL TRANSPORT SYSTEMS  
Status: Definitive  
Code: **7030MAR** (118431)  
Version Start Date: 01-08-2016

Owning School/Faculty: Maritime and Mechanical Engineering  
Teaching School/Faculty: Maritime and Mechanical Engineering

Team	Leader
J. Mark Rowbotham	Y

**Academic Level:** FHEQ7  
**Credit Value:** 20  
**Total Delivered Hours:** 39  
**Total Learning Hours:** 200  
**Private Study:** 161

### Delivery Options

Course typically offered: Semester 1

Component	Contact Hours
Lecture	24
Tutorial	12

**Grading Basis:** 40 %

### Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Exam	Exam		70	3
Essay	Assignment		30	

### Aims

*To develop a student's critical understanding of maritime and other transport systems in the context of international trade and commerce.*

### Learning Outcomes

After completing the module the student should be able to:

- 1 Critically evaluate the operation of maritime and other transport systems
- 2 Appraise the effectiveness of multimodal transport systems in satisfying the needs of the shipper
- 3 Analyse the use of information technology in cargo management
- 4 Apply principles to contemporary case study examples

## Learning Outcomes of Assessments

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

Examination	1	2	3	4
Assignment	4			

## Outline Syllabus

*Port & Shipping Overview; Port & Terminal Operations  
 Inland Waterway Operations; Multimodalism & Container Shipping; Air Carriage & Conventions  
 Road Carriage & CMR Convention; Rail Carriage (inc. Channel Tunnel)  
 Ro-Ro Shipping, inc. High-speed Ferries  
 Airport Cargo Operations  
 Quantitative Methods - Pricing & Rates  
 General, Breakbulk & Project Cargo; Heavylift Sea & Air Operations  
 Dry Bulk Operations; Liquid Bulks & Transport; Offshore Oil & Gas Operations  
 EDIFACT and the use of EDI in the transfer of information concerning cargo management and declarations  
 Quality Management*

## Learning Activities

A series of lectures with associated tutorials

## Notes

The module seeks to analyse the various transport systems available and to assess their importance within the global transport market. Principles are applied to contemporary case study examples.