

## Liverpool John Moores University

Title: Introduction to Logistics  
Status: Definitive  
Code: **4037MAR** (116895)  
Version Start Date: 01-08-2016

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

Team	Leader
Charles Roberts	Y

**Academic Level:** FHEQ4      **Credit Value:** 24      **Total Delivered Hours:** 72  
**Total Learning Hours:** 240      **Private Study:** 168

### Delivery Options

Course typically offered: Standard Year Long

Component	Contact Hours
Lecture	33
Tutorial	36

**Grading Basis:** 40 %

### Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Exam	Exam		60	3
Report	Rpt		20	
Report	Rpt		20	

### Aims

*To provide an introduction to the study of logistics and elements of freight forwarding and associated commercial practice.*

### Learning Outcomes

After completing the module the student should be able to:

- 1 Demonstrate understanding of the basic concepts relating to logistics/supply chain
- 2 Examine the components of logistics and transport systems
- 3 Design a logistics system for a particular application, with reference to the various elements of the system
- 4 Appraise the weaknesses and strengths of a logistics system
- 5 Propose the solution to reducing logistics cost and improving service level
- 6 Examine the role and functions of a freight forwarder in international logistics
- 7 Describe the procedures and documents used in international trade

### **Learning Outcomes of Assessments**

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

Exam	1	2	3	5	7
Report 1	4				
Report 2	6				

### **Outline Syllabus**

*Basic concepts in Logistics/Supply Chain. Logistics Strategy and Planning. The Logistics/Supply Chain Product. Logistics/Supply Chain Customer Service. Order Processing and Information Systems. Transport Systems and Transport Decisions. Forecasting Supply Chain Requirements. Inventory Policy Decisions. Purchasing and Supply Scheduling Decisions. The Storage and Handling System. Storage and Handling Decisions. Facility Location. The Network Planning Process. Logistics/Supply Chain Organization. Logistics/Supply Chain Control. Channel of Distribution. 3PL/4PL*

*International logistics. Contracts of international sale – Incoterms. Import and export documentation: Bill of Exchange, Letter of Credit, Bill of Lading. Foreign exchange, Forward fixing etc. The role of the Shipbroker / Freight Forwarder. Customs control.*

### **Learning Activities**

A programme of lectures and associated tutorials

### **Notes**

This module provides an introduction to the study of logistics system, including transportation, inventory maintenance, facility location, order processing, purchasing, warehousing, materials handling, packaging, customer service standards, and product scheduling. It also considers logistics in the context of international trade, with reference to the activities of freight forwarders, the involvement of customs, and

the related procedures and documentation.