

Liverpool John Moores University

Title: MOVEMENT OF GOODS
Status: Definitive
Code: **4003MAR** (105914)
Version Start Date: 01-08-2016

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

Team	Leader
Barbara Kelly	Y

Academic Level: FHEQ4 **Credit Value:** 12 **Total Delivered Hours:** 38
Total Learning Hours: 120 **Private Study:** 82

Delivery Options

Course typically offered: Standard Year Long

Component	Contact Hours
Lecture	18
Tutorial	18

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Exam	AS1	Examination (3 questions from 5)	60	2
Essay	AS2	Coursework 1	20	
Essay	AS3	Coursework 2	20	

Aims

To establish the principles of freight transport and transport systems in all their forms, to give the student an appreciation of the importance of the freight industry to modern society.

Learning Outcomes

After completing the module the student should be able to:

- 1 Demonstrate an understanding of the need for the movement of goods within the global and national economies.
- 2 Differentiate between the various categories of goods and show awareness of the principles of carriage and handling associated with each.
- 3 Appreciate the roles of the various organisations involved with the movement of goods.
- 4 Show an awareness of the concept of through transport, its management and organisation.
- 5 Apply the generic principles to a series of case study examples.

Learning Outcomes of Assessments

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

EXAM	1	2	3	4	5
CW	2				
CW	4				

Outline Syllabus

International trade and the global supply chain. Demand characteristics of goods and transport. The effect of external factors. The roles of carriers, shippers, agents and forwarders. The roles of trade and governmental associations. The freight transport modes and their component elements. Relative advantages and disadvantages: speed, capacity, cost etc. Trends in freight transport. Dry bulk cargo. Types of cargo and their trade patterns. Stowage and handling characteristics. Bulk liquid cargo. Types of cargo and their trade patterns. Safety issues. The role of pipelines. General cargo. The advantages of unitisation, mechanisation and standardisation. The through transport concept. Special cargoes: gases, refrigerated goods. Functions, characteristics and management of freight transport terminals.

Learning Activities

A programme of lectures and associated tutorials.

Notes

An introduction to freight transport and the essential role it fills in modern society.

The elements of the various transport systems are identified and detailed descriptions of their characteristics are given. Domestic and international examples are studied.