

Liverpool John Moores University

Title: Transport Systems
Status: Definitive
Code: **4107MAR** (121812)
Version Start Date: 01-08-2019

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

Team	Leader
Chia-Hsun Chang	Y

Academic Level: FHEQ4 **Credit Value:** 10 **Total Delivered Hours:** 31.5
Total Learning Hours: 100 **Private Study:** 68.5

Delivery Options

Course typically offered: Semester 1

Component	Contact Hours
Lecture	20
Tutorial	10

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Exam	AS1	1.5 hour exam	100	1.5

Aims

To introduce students to the roles, functions, features and operations of transport systems.

Learning Outcomes

After completing the module the student should be able to:

- 1 Identify and analyse the present day role of freight transport, including intermodal freight transport
- 2 Show an understanding of the concept of transport systems
- 3 Demonstrate an awareness of the factors affecting management and operation of the various transport modes

Learning Outcomes of Assessments

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

Exam	1	2	3
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Outline Syllabus

Role of transport in society. Relationship with economic and social issues, and with land use planning. Safety issues. Modal split and its underlying reasons. The transport systems concept: way, terminal, unit of carriage, unit of propulsion. The intermodal freight concept.

Learning Activities

Integrated series of formal lectures and tutorials

Notes

An introductory module looking at the transport systems concept.