

Liverpool John Moores University

Title: PORTS AND TERMINALS
Status: Definitive
Code: **6018MAR** (106090)
Version Start Date: 01-08-2016

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

Team	Leader
Pauline Floode	Y

Academic Level: FHEQ6
Credit Value: 12
Total Delivered Hours: 27
Total Learning Hours: 120
Private Study: 93

Delivery Options

Course typically offered: Semester 2

Component	Contact Hours
Lecture	2
Practical	5
Seminar	5
Tutorial	12

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Essay	AS1	Debate/ seminar	40	
Exam	AS2	Examination	60	3

Aims

The aim of this module is to provide students with the experience of sea port and marine terminal operation so that they will be able take up operational management positions in a port.

Learning Outcomes

After completing the module the student should be able to:

- 1 Take an active part in the management of a port;
- 2 Analyse and select an appropriate port for a variety of transport tasks;
- 3 Analyse different situations occurring during port operations and determine different ways of handling situations;
- 4 Identify operational constraints and bottlenecks for a port.

Learning Outcomes of Assessments

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

CW	1		
EXAM	2	3	4

Outline Syllabus

Port development
Impact of changing ship technology on ports
Sea approaches and maritime services
Port administration, ownership and management
Port policy
Berths and terminals
Cargo and cargo handling
Hinterland connections
Sea ports for Intermodal transport
Port labour
Time in port and speed of cargo handling
Port costs, prices and revenue
Port environmental matters

Learning Activities

Lectures; Tutorials; self study excursions, project work in conjunction with one of the assignments.

Notes

This module gives students the opportunity to research and analyse actual port management problems and concerns.