

Liverpool John Moores University

Title: PORT OPERATIONS
Status: Definitive
Code: **6017MAR** (105337)
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: 8
Total Learning Hours: 120
Private Study: 112

Delivery Options

Course typically offered: Standard Year Long

Component	Contact Hours
Online	8

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Essay	AS1	One essay on port administration reflecting an understanding of the issues covered in the syllabus and demonstrating skills in critical analysis. 2,000 to 3000 words	50	
Essay	AS2	One project on port design and operations based on knowledge gained from the course and workplace experience.	50	

Aims

To provide a thorough understanding of port administration and operations.

Learning Outcomes

After completing the module the student should be able to:

- 1 Appraise the role of ports within the wider contexts of international trade and national economies.
- 2 Compare the different types of port ownership and administration.
- 3 Demonstrate understanding of port operational systems and associated information technology.
- 4 Explain the importance of port safety and security management in the port environment.

Learning Outcomes of Assessments

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

essay	1	2
project	3	4

Outline Syllabus

Role & functions of ports; effects of globalisation on port logistics and operations; port competition & pricing.

Public & private ownership; current trends; modes of private sector involvement; role of government; legislation.

Types of port; port community activities; facilities and layout; types of cargo handling equipment; information systems for management, vessel and terminal operations; EDI systems & the internet.

Safety & security implications in ports; environmental considerations; national & international legislation and codes of practice.

Learning Activities

Students will be supported through tutorial sessions and provided with learning material through their distance learning pack.

Notes

This module contributes to a distance learning programme allowing seafarers to progress to a BSc in Maritime Operations.