

### Summary Information

Module Code	7163MAR
Formal Module Title	Port Management and Security
Owning School	Engineering
Career	Postgraduate Taught
Credits	20
Academic level	FHEQ Level 7
Grading Schema	50

### Teaching Responsibility

LJMU Schools involved in Delivery
Engineering

### Learning Methods

Learning Method Type	Hours
Lecture	24
Tutorial	12

### Module Offering(s)

Display Name	Location	Start Month	Duration Number Duration Unit
JAN-CTY	CTY	January	12 Weeks

### Aims and Outcomes

Aims	To provide students with insight to global trends in port administration, governance and management which includes the appraisal of a range of contemporary security issues affecting the maritime and ports sectors, including an analysis of the effectiveness of mitigation policies and practices.
------	--

**After completing the module the student should be able to:**

**Learning Outcomes**

Code	Number	Description
MLO1	1	Identify and evaluate global trends in port functions, administration and governance
MLO2	2	Analyse the specific security hazards affecting the maritime and port sector in the present day and the relevant legislation on the fields of maritime and port security
MLO3	3	Appraise the merits of public and private sector involvement in port affairs
MLO4	4	Evaluate and apply the principles to a selection of relevant case study examples in order to identify best practice

**Module Content**

Outline Syllabus	Port facilities, services and terminal logistics Port roles – cargo handling, economic and logistics Port authority functions (regulatory, operational, landlord and community management) and administration models. Port ownership, reform concepts and privatisation options Service quality, corporate social responsibility and performance The need for Security & Safety – Ports, Ships, Passengers and Cargo National Territorial Controls & UNCLOS (Law of the Sea) The Role of the IMO and Government – Navy, Customs, Border Security, European Maritime Safety Agency (EMSA) ISPS Code Marine Reporting – Reporting of Vessels and Cargoes, Declarations under the Convention on Facilitation of International Maritime Traffic (FAL Convention) Container Weighing/Scanning Security Concerns Responsibilities of Ports, Shipping Companies and Shippers – Procedures and Documentation Piracy, Terrorism & International Conflict Case Studies
Module Overview	
Additional Information	This module provides students with an overview of the global port industry and the evolving role of ports. Students will gain appreciation of the diverse functions of port authorities and examine the public interests and commercial factors that influence the administration of ports at national level, and governance of ports at the corporate level. This module examines a range of contemporary issues in the field of maritime and port security through the analysis of a series of relevant case studies. Students are introduced to some of the overarching legislation and are able to appraise its effectiveness.

**Assessments**

Assignment Category	Assessment Name	Weight	Exam/Test Length (hours)	Module Learning Outcome Mapping
Report	Interim Report	50	0	MLO2, MLO4
Report	Final Report	50	0	MLO1, MLO3, MLO4

**Module Contacts**

**Module Leader**

Contact Name	Applies to all offerings	Offerings
Robyn Pyne	Yes	N/A

**Partner Module Team**

Contact Name	Applies to all offerings	Offerings
--------------	--------------------------	-----------