

## Introduction to Maritime Studies

### Module Information

2022.01, Approved

#### Summary Information

Module Code	4100MAR
Formal Module Title	Introduction to Maritime Studies
Owning School	Engineering
Career	Undergraduate
Credits	10
Academic level	FHEQ Level 4
Grading Schema	40

#### Teaching Responsibility

LJMU Schools involved in Delivery
Engineering

#### Learning Methods

Learning Method Type	Hours
Lecture	17
Off Site	6
Tutorial	3

#### Module Offering(s)

Display Name	Location	Start Month	Duration Number Duration Unit
SEP-CTY	CTY	September	12 Weeks

#### Aims and Outcomes

Aims	To introduce students to the roles, functions, features and operations of the maritime sector
------	---

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

**Learning Outcomes**

Code	Number	Description
MLO1	1	Appreciate the structure of the international maritime industry and the role of ships as facilitators of maritime trade
MLO2	2	Show understanding of the design characteristics of different ships within a variety of contexts
MLO3	3	Demonstrate an awareness of the factors affecting the management and operation of ships

**Module Content**

Outline Syllabus	International trade and the organisation of the global maritime industry – maritime geography and global trade routes, service providers, industry organisations, global shipping industry. Ship structure and dynamics - ship types and categories; ship layout and basic design features; vessel measurements; ship motions and stability; propulsion and navigation systems. Principles of cargo carriage – cargo categorisations; handling characteristics; stowage principles; unitisation, multimodalism and standardisation; container types and structure. Shipping business and management - ship classification and registration; ship acquisition and charter; liner and tramp shipping; shipping alliances; ship management function including crewing and voyage estimating and planning.
Module Overview	The aim of this module is to introduce you to the roles, functions, features and operations of the maritime sector.
Additional Information	An introductory module looking at the maritime sector.

**Assessments**

Assignment Category	Assessment Name	Weight	Exam/Test Length (hours)	Module Learning Outcome Mapping
Centralised Exam	Exam	100	1.5	MLO1, MLO2, MLO3

**Module Contacts**

**Module Leader**

Contact Name	Applies to all offerings	Offerings
Ben Matellini	Yes	N/A

**Partner Module Team**

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