

Liverpool John Moores University

Title: Introduction to Maritime Studies
Status: Definitive
Code: **4100MAR** (121805)
Version Start Date: 01-08-2021

Owning School/Faculty: Engineering
Teaching School/Faculty: Engineering

Team	Leader
Ben Matellini	Y

Academic Level: FHEQ4
Credit Value: 10
Total Delivered Hours: 26.5
Total Learning Hours: 100
Private Study: 73.5

Delivery Options

Course typically offered: Semester 1

Component	Contact Hours
Lecture	16.5
Off Site	6
Tutorial	2.5

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 the maritime sector

Learning Outcomes

After completing the module the student should be able to:

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

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

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.

Learning Activities

Integrated series of formal lectures and tutorials

Notes

An introductory module looking at the maritime sector.