

Summary Information

Module Code	7501MSIDL
Formal Module Title	Maritime Economics and Management
Owning School	Engineering
Career	Postgraduate Taught
Credits	20
Academic level	FHEQ Level 7
Grading Schema	50

Module Contacts

Module Leader

Contact Name	Applies to all offerings	Offerings
Zaili Yang	Yes	N/A

Module Team Member

Contact Name	Applies to all offerings	Offerings
Chia-Hsun Chang	Yes	N/A

Partner Module Team

Contact Name	Applies to all offerings	Offerings
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Teaching Responsibility

LJMU Schools involved in Delivery
Engineering

Learning Methods

Learning Method Type	Hours
Lecture	24
Online	2
Tutorial	10

Module Offering(s)

Offering Code	Location	Start Month	Duration
APR-CTY	CTY	April	12 Weeks
JAN-CTY	CTY	January	12 Weeks
JAN_NS-CTY	CTY	January (Non-standard start date)	12 Weeks
SEP-CTY	CTY	September	12 Weeks

Aims and Outcomes

Aims	Evaluate the business, financial and management aspects of marine operations so enabling the students to have the essential knowledge to tackle the fundamental managerial concerns normally attended to by senior management in the maritime industry.
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Learning Outcomes

After completing the module the student should be able to:

Code	Description
MLO1	Evaluate various aspects of marine operations including chartering
MLO2	Analyse the important aspects of shipping economics, ship finance and associated matters.
MLO3	Critically appraise the various operational aspects of ship management
MLO4	Demonstrate a critical understanding of current issues and new developments in the shipping industry.

Module Content

Outline Syllabus

Chartering practices with a focus on laytime calculation and economic aspect of chartering. Maritime safety management, including formal safety assessment and traditional quantitative risk analysis techniques and the latest development of maritime safety research. Ship management, including history of 3rd party ship management, marketing process of ship management, ISM code, and selection of ship management using advanced multiple attribute decision making methods (e.g. AHP and TOPSIS). Registration, including flag of convenience, factors influencing owner choice of flag in and flag out, and port state control. Ship finance, including derivatives, forward freight agreement, commercial paper, credit ratings, LIBOR, ship financing types, leasing, security (i.e. mortgage etc.), Current Issues such as maritime cybersecurity and climate adaptation.

Module Overview

Additional Information

The module is designed to provide a comprehensive overview of the topics including chartering, finance, ship management, and operational considerations, which a shipping executive could deal with on a routine basis. The module is delivered via distance learning, described as follows: Lecture: Slides and slide notes for self-study. Tutorial: Online activities and exercises with teacher feedback. Virtual classrooms. Email support. Online: summative tests.

Assessments

Assignment Category	Assessment Name	Weight	Exam/Test Length (hours)	Learning Outcome Mapping
Essay	An essay question	95	0	MLO3, MLO4, MLO1, MLO2
Test	Test	5	0	MLO1