

Summary Information

Module Code	6101MAR
Formal Module Title	Maritime Finance and Economics
Owning School	Engineering
Career	Undergraduate
Credits	20
Academic level	FHEQ Level 6
Grading Schema	40

Module Contacts

Module Leader

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

Module Team Member

Contact Name	Applies to all offerings	Offerings
Christos Kontovas	Yes	N/A

Partner Module Team

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

Teaching Responsibility

LJMU Schools involved in Delivery
Engineering

Learning Methods

Learning Method Type	Hours
Lecture	22
Online	3
Tutorial	8

Module Offering(s)

Offering Code	Location	Start Month	Duration
SEP-CTY	CTY	September	12 Weeks

Aims and Outcomes

Aims	To develop a critical awareness of the economic environment in which ships are financed, traded and operated and to analyse a range of managerial issues in the maritime industry, with particular reference to the management of capital and the appraisal of investment.
-------------	--

Learning Outcomes

After completing the module the student should be able to:

Code	Description
MLO1	Analyse factors affecting the supply and demand for shipping and cycles in the marine business environment.
MLO2	Examine matters of ships and ship financing, with particular emphasis on chartering work.
MLO3	Appraise a range of shipping related safety issues and apply formal safety assessment techniques to a range of case studies.
MLO4	Analyse the role of third party ship management in the maritime sector.

Module Content

Outline Syllabus
Maritime Economics Supply and demand for shipping. Ship size and economies of scale. Productivity and utilisation measurement. Newbuilding market. Ship ordering and ship scrapping. Ship sale and purchase activities. Maritime finance Ship financing, leasing, security (i.e. mortgage etc.), commercial paper, credit ratings, LIBOR. Derivatives, hedging and market speculation. Bunker costs and slow steaming/fuel efficiency. Post fixture operations, demurrage and laytime. Investment Appraisal. Maritime business management Trends in the maritime business environment. Third party ship management. Safety management, maritime safety current status, formal safety assessment and risk assessment techniques.

Module Overview

The aim of the module is to develop a critical awareness of the economic environment in which ships are financed, traded and operated and to analyse a range of managerial issues in the maritime industry, with particular reference to the management of capital and the appraisal of investment.

Additional Information

A final year module looking at specific aspects of maritime business management within the shipping sector

Assessments

Assignment Category	Assessment Name	Weight	Exam/Test Length (hours)	Learning Outcome Mapping
Report	Report 1	30	0	MLO1
Centralised Exam	Examination	40	1.5	MLO2, MLO4
Report	Report 2	30	0	MLO3