

Liverpool John Moores University

Title: Maritime Finance and Economics
Status: Definitive
Code: **6101MAR** (121824)
Version Start Date: 01-08-2021

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

| Team | Leader |
|-------------------|--------|
| Zaili Yang | Y |
| Chia-Hsun Chang | |
| Christos Kontovas | |

Academic Level: FHEQ6 **Credit Value:** 20 **Total Delivered Hours:** 34.5
Total Learning Hours: 200 **Private Study:** 165.5

Delivery Options

Course typically offered: Semester 1

| Component | Contact Hours |
|-----------|---------------|
| Lecture | 22 |
| Online | 3 |
| Tutorial | 8 |

Grading Basis: 40 %

Assessment Details

| Category | Short Description | Description | Weighting (%) | Exam Duration |
|----------|-------------------|-------------------|---------------|---------------|
| Report | AS1 | Report 2000 words | 30 | |
| Exam | AS3 | Examination | 40 | 1.5 |
| Report | AS2 | Report 2000 words | 30 | |

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:

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

Learning Outcomes of Assessments

The assessment item list is assessed via the learning outcomes listed:

| | | |
|-------------------|---|---|
| Report 2000 words | 1 | |
| Examination | 2 | 4 |
| Report 2000 words | 3 | |

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 (ie 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.

Learning Activities

Integrated series of formal lectures and tutorials.

Notes

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