

Liverpool John Moores University

Title: MARITIME MANAGEMENT AND LAW AND COMPASS
Status: Definitive
Code: **4204NAU** (121931)
Version Start Date: 01-08-2021

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

Team	Leader
Philip Davies	Y
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Academic Level: FHEQ4 **Credit Value:** 20 **Total Delivered Hours:** 63

Total Learning Hours: 200 **Private Study:** 137

Delivery Options

Course typically offered: S1 & S2 & Summer

Component	Contact Hours
Lecture	50
Tutorial	10

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Exam	AS1	Examination one	40	1
Exam	AS2	Examination two	60	2

Aims

To provide an understanding of marine law and fundamental management principles and knowledge of compasses and steering gear required by an Officer of the Watch.

Learning Outcomes

After completing the module the student should be able to:

- 1 Appreciate the relationship between law, codes and other forms of guidance.
- 2 Demonstrate an awareness of the law, codes and guidance relating to ship and crew safety and operations.
- 3 Explain how to apply the principles of personnel management at operational level.
- 4 Appreciate the factors affecting turning circles, stopping distances and how to make ship manoeuvres.
- 5 Explain and demonstrate the principles and use of magnetic and gyro compasses and steering systems.

Learning Outcomes of Assessments

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

Exam one	4	5		
Exam two	1	2	3	

Outline Syllabus

Conventions: International Conventions and Treaties, Legislation, Codes of Practice and M Notices

Legal systems: An overview of UK Civil and Criminal Law, an overview of Flag and Port State Control, Recording methods available

Records: Requirement for accuracy in record keeping, confidential nature of records and the access that can be afforded them

Safety Regulations: Regulations concerning Life Saving Appliances and Fire Fighting Appliances

Pollution Control: An overview of MARPOL and its annexes, company procedures for compliance with SOLAS and MARPOL

Safety Codes and Practices: ISM or relevant Codes, maintaining a safe working environment on board ship, entry into an enclosed space, safe movement to- from and around the vessel, using powered cleaning devices, using lifting gear and working at a height, reporting of accidents and dangerous occurrences, safety management systems, risk assessment, permit to working chemicals or other hazardous materials; COSHH Regulations, personal protective clothing and equipment

Watchkeeping: Safe navigational watch, Safe deck watch Management: The officer as manager, organisation and structure,

Management Loop: Planning, resourcing and evaluating, Inter-personal communication, group dynamics, groupthink, race, culture and gender issues.

Leading by example.

Management styles: Hierarchy and assertiveness. horizontal versus vertical.

Motivation, leadership and teamwork, delegation.

Appraisal and Review: Role of appraisal, counselling and discipline, giving feedback in a constructive way. Stress in self and others. Conflict and conflict resolution, referral to counselling

Navigation and Manoeuvring: Effects on manoeuvring, turning circles and stopping

distances

Compass System: Information supplied by ships' compasses, Causes and nature of magnetic compass errors, Limitations of the gyro compass

Steering Gear and the Auto-pilot: Components of steering systems, and their function

The various forms in which steering information is relayed to the helmsman Hazards and Emergencies: Recognise hazards and emergencies associated with the vessel

Learning Activities

Formal Lectures and tutorials including quizzes.

Notes

Provides an understanding of maritime law and personnel management and knowledge of compasses, steering gear and ship handling required by an Officer of the Watch.