

Liverpool John Moores University

Title: BRIDGE MANAGEMENT
Status: Definitive
Code: **5207NAU** (121943)
Version Start Date: 01-08-2018

Owning School/Faculty: Maritime and Mechanical Engineering
Teaching School/Faculty: Maritime and Mechanical Engineering

Team	Leader
Ewan Kirkbride	Y
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Academic Level: FHEQ5 **Credit Value:** 10 **Total Delivered Hours:** 51
Total Learning Hours: 100 **Private Study:** 49

Delivery Options

Course typically offered: Runs Twice - S1 & S2

Component	Contact Hours
Lecture	46
Tutorial	4

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Exam	AS1	Examination	20	1
Essay	AS2	Ship handling coursework 1000 words	40	
Essay	AS3	Emergency response coursework 1000 words	40	

Aims

This module should enable students to demonstrate theory and application of how to manage the Navigation of the ship, manage the response to emergencies on board or external to the ship and to manoeuvre the ship.

Learning Outcomes

After completing the module the student should be able to:

- 1 Assess the operation and use of two types of modern compass.
- 2 Respond to emergencies.
- 3 Know how to manoeuvre the ship.

Learning Outcomes of Assessments

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

Exam	1
Essay - Ship handling	3
Essay - Emergency response	2

Outline Syllabus

The principle, operation and use of two types of modern compasses.

Drills training and response to all emergencies including but not restricted to piracy.

Design features of: propulsion systems, steering devices, thrusters affecting manoeuvrability.

External factors affecting manoeuvrability, including shallow waters, weather and currents.

Understand how ship design affects manoeuvrability including use of ships manoeuvrability data.

Manoeuvre the ship in all situations, routine and emergency, including use of anchors and towage. Apply correct collision avoidance manoeuvre in all conditions of visibility.

Learning Activities

Lectures and tutorials.

Notes

The module covers the requirements concerning the manoeuvring of the ship and the correct response to emergency situations.

It is intended for students who are following an approved STCW95 training programme at Chief Mate level.