

Liverpool John Moores University

Title: SHIPBOARD OPERATIONS
Status: Definitive
Code: **4104NAU** (121777)
Version Start Date: 01-08-2021

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

Team	Leader
Milad Armin	Y

Academic Level: FHEQ4 **Credit Value:** 20 **Total Delivered Hours:** 62
Total Learning Hours: 200 **Private Study:** 138

Delivery Options

Course typically offered: Semester 1

Component	Contact Hours
Lecture	48
Tutorial	12

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Exam	AS1	Examination	75	2
Essay	AS2	Essay - 1,500 words	25	

Aims

To develop an understanding of the operational practices required for the efficient and safe movement of cargoes on ships.

Learning Outcomes

After completing the module the student should be able to:

- 1 Demonstrate an understanding of loading, stowing and securing of cargoes and their care during carriage.
- 2 Describe the requirements to conduct a deck watch alongside or at anchor.
- 3 Ensure compliance with pollution prevention requirements
- 4 Identify the significant features of a ship's structure.

Learning Outcomes of Assessments

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

Examination	1	2	3
Essay	4		

Outline Syllabus

The principles and safe working practices for the proper loading, stowage and carriage of Dry, Refrigerated, Unitised, Containerised, RoRo and Bulk Cargoes.
The principles and safe methods of arranging for the proper loading, stowage and carriage of oil, Gas and Chemical Cargoes and related ballasting operations.
Conduct a deck watch alongside or at anchor.
The MARPOL Convention and current legislation provide knowledge of the precautions and procedures to be taken to prevent pollution of the marine environment.
The significant features of a ship's structure.
The salient features of a range of ship types.

Learning Activities

Lectures and tutorials.

Notes

This module can contribute to the underpinning knowledge required for progression to an Officer of the Watch professional qualification.