

## 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
Barbara Kelly	Y
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**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.