

## Liverpool John Moores University

Title: Cargo Operations  
Status: Definitive  
Code: **5531ALAM** (123838)  
Version Start Date: 01-08-2019

Owning School/Faculty: Engineering  
Teaching School/Faculty: Malaysian Maritime Academy

Team	Leader
Barbara Kelly	Y

**Academic Level:** FHEQ5  
**Credit Value:** 20  
**Total Delivered Hours:** 93.5  
**Total Learning Hours:** 200  
**Private Study:** 106.5

### Delivery Options

Course typically offered: Non Standard Year Long

Component	Contact Hours
Lecture	65
Tutorial	26

**Grading Basis:** 40 %

### Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Exam	AS1	Examination	70	2.5
Report	AS2	Maximum 3000 words	30	

### Aims

*This module should enable students to demonstrate theory and application of how to manage the carriage of cargoes on ships.*

### Learning Outcomes

After completing the module the student should be able to:

- 1 Assess the regulatory requirements for the carriage of cargoes on ships.
- 2 Assess the practical and safety requirements for the carriage of cargoes on ships.
- 3 Demonstrate an understanding of the stowage and securing of cargoes.

### **Learning Outcomes of Assessments**

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

Exam	1	3	2
Report	3		

### **Outline Syllabus**

*Plans and actions conform with International Regulations*

*Stowage and securing of cargoes on board ship, cargo-handling gear and securing and lashing equipment*

*Loading and unloading operations, with special regard to the transport of cargoes identified in the Code of safe practice for cargo stowage and securing*

*General knowledge of tankers and tanker operations*

*Knowledge of the operational and design limitations of bulk carriers*

*Loading, care and unloading of bulk cargoes*

*Establish Procedures for safe cargo handling in accordance with the provisions of the relevant instruments*

*Basic principles for establishing effective communications and improving working relationship between ship and terminal personnel*

*Carriage of dangerous cargoes*

*Precautions during loading and unloading and care during voyage of dangerous, hazardous and harmful cargoes*

### **Learning Activities**

Lectures and tutorials

### **Notes**

The module covers the requirements concerning the safe carriage of cargoes and is suitable for students on professional seagoing programmes.