

Liverpool John Moores University

Title: Cargo Operations
Status: Definitive
Code: **5501ALAM** (120666)
Version Start Date: 01-08-2015

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

Team	Leader
Barbara Kelly	

Academic Level: FHEQ5
Credit Value: 24.00
Total Delivered Hours: 94.00
Total Learning Hours: 240
Private Study: 146

Delivery Options

Course typically offered: Non Standard Year Long

Component	Contact Hours
Lecture	65.000
Tutorial	26.000

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Exam	Exam		70.0	3.00
Report	Report	Maximum 3000 words	30.0	

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:

- LO 1 Assess the regulatory requirements for the carriage of cargoes on ships.
- LO 2 Assess the practical and safety requirements for the carriage of cargoes on ships.
- LO 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:

Examination	LO 1 LO 3 LO 2
Report	LO 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.