

Liverpool John Moores University

Title: Coastal Navigation
Status: Definitive
Code: **5535ALAM** (123842)
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: 63.5
Total Learning Hours: 200
Private Study: 136.5

Delivery Options

Course typically offered: Non Standard Year Long

Component	Contact Hours
Lecture	40
Tutorial	20

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Exam	AS1	Examination	70	2.5
Exam	AS2	Examination	30	1

Aims

To develop the techniques of navigation and demonstrate competency in appraising and planning a passage.

Learning Outcomes

After completing the module the student should be able to:

- 1 Appraise, plan, calculate and document a passage plan including contingencies.
- 2 Understand the formation of tides and obtain and evaluate tidal data.

Learning Outcomes of Assessments

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

Exam	1
Exam	2

Outline Syllabus

*Plan a voyage and conduct navigation
(inclusive during helicopter operations)
Routeing & reporting, Co-ordinate search and rescue operations
Voyage planning principles with respect to weather conditions and wave height
Radar plots, Calculation of tidal conditions
Terrestrial observations, Appropriate nautical publications on tides and currents*

Learning Activities

Lectures and tutorials.

Notes

This module provides an overview of passage planning for ships. It is intended to be studied by students following an approved STCW95 training programme who have spent some time on the bridge of a ship.