

## Liverpool John Moores University

Title: Maritime Industrial Management  
Status: Definitive  
Code: **6122MECH** (125073)  
Version Start Date: 01-08-2018

Owning School/Faculty: Maritime and Mechanical Engineering  
Teaching School/Faculty: Maritime and Mechanical Engineering

Team	Leader
Allan Carrier	Y

**Academic Level:** FHEQ6  
**Credit Value:** 20  
**Total Delivered Hours:** 68  
**Total Learning Hours:** 200  
**Private Study:** 132

### Delivery Options

Course typically offered: Semester 1

Component	Contact Hours
Lecture	44
Tutorial	22

**Grading Basis:** 40 %

### Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Exam	AS2	Examination	70	2
Report	AS1	Course Assignment	30	

### Aims

*This module is designed to develop the core management techniques required to design, implement, and plan a marine engineering project.*

### Learning Outcomes

After completing the module the student should be able to:

- 1 Apply project management methodology specific to marine engineering and/or shipyard management, utilising suitable project management software.
- 2 Organise, plan, and control a project.
- 3 Apply decision making techniques to select a solution to a problem, including cost benefit analysis
- 4 Discuss significant features of shipbuilding, ship repair and ship maintenance.

## Learning Outcomes of Assessments

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

Examination	1	2	3	4
Coursework Assigment	1			

## Outline Syllabus

*Project management and decision making tools; Selecting solutions from a range of options, and understanding the project management life cycle.*

*Project scope and planning; Project planning to achieve cost, time, and quality objectives. Resource control and Network techniques, including the use of Gantt charts.*

*Project execution and control; Quality and risk management of projects. Closing a project.*

*Project Management Software Practice;  
Re-emphasise learning outcomes and the design process project management, with the aid of a project management software resource, underlining shipbuilding and repair operations.*

## Learning Activities

A combination of lectures and tutorials.

## Notes

The module introduces students to the background of marine engineering and shipyard management, providing students with a good grounding for those wishing to pursue a career in the following marine related disciplines or industries: Marine Engineering Operations, Marine Engineering Design, Marine Superintendence, Surveying and Shipbuilding