

## Liverpool John Moores University

Title: ENGINEERING PROJECT  
Status: Definitive  
Code: **6003ENGFRI** (117003)  
Version Start Date: 01-08-2018

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

Team	Leader
Jack Mullett	Y
Russell English	

**Academic Level:** FHEQ6      **Credit Value:** 40      **Total Delivered Hours:** 24  
**Total Learning Hours:** 400      **Private Study:** 376

### Delivery Options

Course typically offered: Standard Year Long

Component	Contact Hours
Seminar	12
Tutorial	12

**Grading Basis:** 40 %

### Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Portfolio	Port	Portfolio	20	
Report	Rpt	Report	60	
Presentation	Pres	Presentation	20	

### Aims

*The project aims to provide a directed but independent learning activity on a relevant area of engineering or technology. It aims to promote invention and creativity, and is also intended to develop the intellectual and practical skills required to undertake a project from specification to a successful conclusion.*

## Learning Outcomes

After completing the module the student should be able to:

- 1 Conceptualize and plan a supervised but self generated project
- 2 Carry out a self-managed programme of work according to good project management practice
- 3 Analyse the established body of knowledge relevant to the project
- 4 Present technical information clearly in oral and written form
- 5 Critically evaluate all aspects of a project and formulate justified conclusions

## Learning Outcomes of Assessments

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

Portfolio	1	2	3	4	5
Report	1	2	3	4	5
Presentation	1	2	3	4	5

## Outline Syllabus

*Projects may involve experiment, analysis, design and/or computation and should allow a student to demonstrate achievement of the module learning outcomes*

## Learning Activities

Students will carry out an individual, supervised project

## Notes

The project provides the opportunity to conduct a major supervised learning activity on a relevant engineering or technical topic. The project requires the student to demonstrate good project management, critical evaluation and presentational skills. The module is supported by a series of seminars and project management events throughout the academic year and the activities undertaken contribute to the Progress Portfolio and draft report. The module culminates in the preparation of a final report, presentation and project interview.