

Liverpool John Moores University

Title: Engineering Project
Status: Definitive
Code: **6105ENG** (116945)
Version Start Date: 01-08-2016

Owning School/Faculty: Electronics and Electrical Engineering
Teaching School/Faculty: Electronics and Electrical Engineering

Team	Leader
Ronan McMahon	Y

Academic Level: FHEQ6 **Credit Value:** 40 **Total Delivered Hours:** 12
Total Learning Hours: 400 **Private Study:** 388

Delivery Options

Course typically offered: Standard Year Long

Component	Contact Hours
Tutorial	12

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Portfolio	Portfolio		20	
Report	Report		60	
Presentation	Present		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:

Progress portfolio	1	2	3	4	5
Final project 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.