

Liverpool John Moores University

Title: ENGINEERING PROJECT
Status: Definitive
Code: **6502TECSBC** (113917)
Version Start Date: 01-08-2018

Owning School/Faculty: Maritime and Mechanical Engineering
Teaching School/Faculty: The Sino-British College

Team	Leader
Russell English	Y

Academic Level: FHEQ6
Credit Value: 36
Total Delivered Hours: 24
Total Learning Hours: 360
Private Study: 336

Delivery Options

Course typically offered: Standard Year Long

Component	Contact Hours
Tutorial	24

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Report	AS1	Progress report	15	
Report	AS2	Electronic logbook	20	
Report	AS3	Final report (50 A4 pages maximum plus appendices)	65	

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 develop programmes of work and plan the successful execution of engineering projects
- 2 carry out programmes of work according to good project management practice
- 3 analyse established bodies of knowledge relevant to projects in their chosen subject discipline
- 4 critically evaluate all aspects of a project and formulate justified conclusions
- 5 present work clearly and concisely in the form of appropriately structured technical reports

Learning Outcomes of Assessments

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

Progress report	1	5
Electronic logbook	2	
Final report	3	4 5

Outline Syllabus

Projects must be on a subject appropriate to the named degree. Projects should 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 project supported by an academic supervisor as well as a series of lectures / tutorials throughout the year on project management, research and communication skills.

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.