

Liverpool John Moores University

Title: PROJECT MANAGEMENT
Status: Definitive
Code: **6501ENGSBC** (113909)
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: 12
Total Delivered Hours: 37
Total Learning Hours: 120
Private Study: 83

Delivery Options

Course typically offered: Semester 1

Component	Contact Hours
Lecture	20
Online	5
Tutorial	10

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Exam	AS1	Examination	70	2
Essay	AS2	Case study report	30	

Aims

To provide an introduction to the scope of engineering projects and an understanding of the principles and techniques of the management of projects.

Learning Outcomes

After completing the module the student should be able to:

- 1 Discuss project characteristics and the pitfalls in project management.
- 2 Plan, organise, coordinate and monitor projects
- 3 Discuss key issues and methods for leadership and control of projects.
- 4 Explain the role of the project manager in the strategic management of a business.
- 5 Discuss the impact of time, cost and quality
- 6 Discuss the issues associated with computerised project management.

Learning Outcomes of Assessments

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

Exam	1	2	3	4	5	6
Essay	2	5	6			

Outline Syllabus

Project definition, the characteristics of projects in various fields of engineering. The project life cycle.

Estimation of project cost, techniques used in the evaluation of project proposals.

Project specifications, contracts and the relationship between the project, the client and sub-contractors.

Project planning to achieve the defined objectives of cost, time and quality. Network techniques and the use of Gantt charts and milestones.

Execution of the project plan, the role of the project manager in monitoring and controlling the project. Project teams, structure and organisation.

Quality management and change control. The impact of changes on a project plan.

The role of computers in project management.

Goal Directed Project Management. PRINCE Project Management. Management of Risk.

Learning Activities

A combination of lectures and tutorials

Notes

Development of methodologies for the successful implementation of project management to achieve targets of time, cost and specification (quality).