Liverpool John Moores University

Title:	Project and Professional Review
Status:	Definitive
Code:	**6504MTC** (125795)
Version Start Date:	01-08-2019
Owning School/Faculty:	Maritime and Mechanical Engineering
Teaching School/Faculty:	Maritime and Mechanical Engineering

Team	Leader
Christian Matthews	Y

Academic Level:	FHEQ6	**Credit Value:**	40	**Total Delivered Hours:**	26
Total Learning Hours:	400	**Private Study:**	374		

Delivery Options
Course typically offered: Standard Year Long

Component	Contact Hours
Online	6
Tutorial	20

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Report	AS1	Interim Report	20	
Report	AS2	Final Report	60	
Presentation	AS3	Portfolio, Presentation & Viva	20	

Aims

The project aims to provide a supervised but student led learning activity in a relevant area of manufacturing. It aims to develop the academic, technical and organisational skills required to undertake a substantial individual engineering project from specification to conclusion and to prepare the student to meet the requirements of a professional review for Incorporated Engineer status.

Learning Outcomes

After completing the module the student should be able to:

1	Apply the principles of project management to conceptualise, plan and execute a self-managed project.
2	Evaluate, select and apply appropriate theoretical and practical knowledge and skills to investigate and solve an engineering problem.
3	Critically evaluate all aspects of the project and formulate and communicate conclusions in writing and orally.
4	Meet the requirements of a professional review for Incorporated Engineer status.

Learning Outcomes of Assessments

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

Interim Report	1	2	
Final Report	1	2	3
Port, Presentation and Viva	4		

Outline Syllabus

Projects may involve experiment, analysis, design, computation and problem analysis in a work based context and should allow a student to demonstrate achievement of the module learning outcomes.

Learning Activities

The project will be supported by regular tutorials with a project supervisor, and occasional seminars on topics relating to research methods, critical writing/thinking and presentation 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. A portfolio of evidence completed during the work based elements of the course will be used as part of the assessment of learning outcome 4.