

Summary Information

Module Code	6101MSE
Formal Module Title	Engineering Project
Owning School	Engineering
Career	Undergraduate
Credits	40
Academic level	FHEQ Level 6
Grading Schema	40

Teaching Responsibility

LJMU Schools involved in Delivery
Engineering

Learning Methods

Learning Method Type	Hours
Seminar	6
Tutorial	24

Module Offering(s)

Display Name	Location	Start Month	Duration Number Duration Unit
APR-CTY	CTY	April	12 Weeks

Aims and Outcomes

Aims	The project provides a supervised but student led learning activity in a relevant area of engineering or technology. It aims to develop the academic, technical and organisational skills required to undertake a substantial individual engineering project from specification to conclusion.
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After completing the module the student should be able to:

Learning Outcomes

Code	Number	Description
MLO1	1	Conceptualise and design a significant self-managed project
MLO2	2	Carry out a self-managed programme of work according to good project management practices
MLO3	3	Research and critically evaluate information from the established body of knowledge
MLO4	4	Demonstrate a deep technical understanding of their project
MLO5	5	Critically evaluate all aspects of a project and formulate justified conclusions
MLO6	6	Communicate technical information clearly and concisely through written reports and presentations

Module Content

Outline Syllabus	Students develop their own projects with the support from an allocated supervisor. The project may involve experiment, analysis, design and/or computation and should allow a student to demonstrate achievement of the module learning outcomes. Students will be supported by a series of seminars: Students will be supported by a series of seminars: (1) Project Design (project specification, design, and planning, consideration of ethics, risk, and safety); (2) Research Methods; (3-6) Quantitative methods (data sampling, data presentation, experimental methods).
Module Overview	
Additional Information	Students undertake a significant piece of project work under the supervision of a member of the academic staff. They are encouraged to generate their own project outline, subject to approval from the Module Leader and Supervisor. Alternatively, they may choose to develop a project from a list of titles supplied by a member of the academic team.

Assessments

Assignment Category	Assessment Name	Weight	Exam/Test Length (hours)	Module Learning Outcome Mapping
Portfolio	Project Design and Planning	20	0	MLO1, MLO2, MLO3, MLO6
Report	Final Report	60	0	MLO2, MLO3, MLO4, MLO5, MLO6
Report	Presentation and viva	20	0	MLO4, MLO5, MLO6

Module Contacts

Module Leader

Contact Name	Applies to all offerings	Offerings
Ian Jenkinson	Yes	N/A

Partner Module Team

Contact Name	Applies to all offerings	Offerings
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