

Engineering Practice 2

Module Information

2022.01, Approved

Summary Information

Module Code	5107MECH
Formal Module Title	Engineering Practice 2
Owning School	Engineering
Career	Undergraduate
Credits	20
Academic level	FHEQ Level 5
Grading Schema	40

Teaching Responsibility

LJMU Schools involved in Delivery
Engineering

Learning Methods

Learning Method Type	Hours
Lecture	12
Practical	24
Tutorial	8

Module Offering(s)

Display Name	Location	Start Month	Duration Number Duration Unit
SEP-CTY	CTY	September	28 Weeks

Aims and Outcomes

Aims	To enable students to develop the skills required to practice as a professional engineer. This module provides a broad range of experiences including laboratory's and report writing skills required of a professional engineer.
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After completing the module the student should be able to:

Learning Outcomes

Code	Number	Description
MLO1	1	Carry out a laboratory experiment, collect notes and data, and write a professional report
MLO2	2	To conduct engineering activities in a professional manner
MLO3	3	Research a topic, find relevant literature and produce a critical review

Module Content

Outline Syllabus	The list below provides an indicative list of topics which may be covered in this module: Experimental Practice• Complete a set of laboratory experiments• Observation, measurement and recording of experimental results• Data Handling• Presenting and reporting of results• Professional Development Research Methods• Research & Library Skills• Report Writing• Critical Thinking
Module Overview	The aim of this module is to develop the skills required to practice as a professional engineer. This module provides a broad range of experiences including laboratory's and report writing skills required of a professional engineer.
Additional Information	Students must complete the assessment exercises to a satisfactory standard in order to achieve a pass grade in this module.

Assessments

Assignment Category	Assessment Name	Weight	Exam/Test Length (hours)	Module Learning Outcome Mapping
Test	Experimental Practice	60	0	MLO1, MLO2
Essay	Literature Review	40	0	MLO3

Module Contacts

Module Leader

Contact Name	Applies to all offerings	Offerings
Musa Bashir	Yes	N/A

Partner Module Team

Contact Name	Applies to all offerings	Offerings
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