LIVERPOOL JOHN MOORES UNIVERSITY

Engineering Practice 2

Module Information

2022.01, Approved

Summary Information

Module Code	5507USST
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
LJMU Partner Taught

Partner Teaching Institution

Institution Name
University of Shanghai For Science and Technology

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-PAR	PAR	September	12 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.

After completing the module the student should be able to:

Learning Outcomes

Code	Number	Description
MLO1	1	Design a suitable laboratory experiment to test a hypothesis, collecting suitable notes and data.
MLO2	2	Demonstrate a commitment to conduct engineering activities in a professional manner
MLO3	3	Conduct a literature survey and critical review of a suitable research a topic

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 resultsProfessional DevelopmentResearch Methods• Research & Library Skills• Report Writing• Critical Thinking
Module Overview	
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
Essay	Experimental Practice	50	0	MLO1
Portfolio	Professional Development	10	0	MLO2
Essay	Literature Review	40	0	MLO3

Module Contacts