

Investigative Project Module B

Module Information

2022.01, Approved

Summary Information

Module Code	8003ENGD
Formal Module Title	Investigative Project Module B
Owning School	Engineering
Career	Postgraduate Taught
Credits	180
Academic level	FHEQ Level 8
Grading Schema	Pass/Not Pass

Teaching Responsibility

LJMU Schools involved in Delivery
Engineering

Learning Methods

Learning Method Type	Hours
Tutorial	90

Module Offering(s)

Display Name	Location	Start Month	Duration Number Duration Unit
SEP-CTY	CTY	September	44 Weeks

Aims and Outcomes

Aims	To enable the candidate to build a portfolio of work that demonstrates the outputs are of sufficient quantity and quality to justify the award of EngD and that that the work makes an original contribution to knowledge
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After completing the module the student should be able to:

Learning Outcomes

Code	Number	Description
MLO1	1	Conceptualise, design and implement an original investigation project for the generation of new knowledge, applications or understanding at the forefront of engineering and adjust the project design accordingly in the light of unforeseen problems
MLO2	2	Ability to systematically acquire and understand knowledge at the forefront of the discipline and critically appraise its application to the project
MLO3	3	Originality in the application of knowledge to the problem with a practical understanding of how established techniques of research and enquiry are used to create and interpret knowledge in the discipline
MLO4	4	A comprehensive understanding of techniques applicable to research or advanced scholarship in the relevant field. Gain ethical, legal and regulatory approval as appropriate to the project
MLO5	5	Create and evaluate and apply new knowledge through original research of a quality which will satisfy peer review and merit publication

Module Content

Outline Syllabus	Tutorial sessions with the supervisor will support the candidates research activity
Module Overview	
Additional Information	The Progress Reports will form the body of the final portfolio. One of the reports should provide the basis for a refereed paper.

Assessments

Assignment Category	Assessment Name	Weight	Exam/Test Length (hours)	Module Learning Outcome Mapping
Report	Progress Reports 3, 4 and 5	100	0	MLO1, MLO2, MLO3, MLO4, MLO5

Module Contacts

Module Leader

Contact Name	Applies to all offerings	Offerings
Dhiya Al-Jumeily	Yes	N/A

Partner Module Team

Contact Name	Applies to all offerings	Offerings
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