Liverpool John Moores University

Introductory Module

Module Information

2022.01, Approved

Summary Information

Module Code	8001ENGD
Formal Module Title	Introductory Module
Owning School	Engineering
Career	Postgraduate Taught
Credits	30
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	15

Module Offering(s)

Display Name	Location	Start Month	Duration Number Duration Unit
SEP-CTY	CTY	September	12 Weeks

Aims and Outcomes

Aims	To generate a programme of work which has the potential to enable the candidate to demonstrate that: (a) they can achieve an EngD, and (b) they are making progress towards achieving the award throughout the project.

After completing the module the student should be able to:

Learning Outcomes

Code	Number	Description
MLO1	1	Identify a problem in their area of engineering identified from a 'real world' context and justify its suitability for a research based innovation project
MLO2	2	Critically analyse an engineering problem
MLO3	3	Appraise methods of addressing the identified problem and draw conclusions on the best way forward
MLO4	4	Design, present and justify a comprehensive and viable proposal, demonstrating consideration of project management, economic, ethical, legal and regulatory constraints

Module Content

Outline Syllabus	Definition of the problem. Preparation of a business case. Literature review to demonstrate critical analysis of the literature and relevance of the project. Development of a framework for research. Project planning.
Module Overview	
Additional Information	The research project should be multidisciplinary and driven by an industry problem and making a creative and critical intervention in that context. It should lead to a practical outcome and a theoretically informed written thesis.

Assessments

Assignment Category	Assessment Name	Weight	Exam/Test Length (hours)	Module Learning Outcome Mapping
Report	Research Proposal	50	1	MLO1, MLO2, MLO3, MLO4
Centralised Exam	Oral Examination	50	1	MLO1, MLO2, MLO3, MLO4

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