

Research Planning

Module Information

2022.01, Approved

Summary Information

Module Code	8400ENGD
Formal Module Title	Research Planning
Owning School	Engineering
Career	Postgraduate Taught
Credits	60
Academic level	FHEQ Level 8
Grading Schema	Pass/Not Pass

Teaching Responsibility

LJMU Schools involved in Delivery
Engineering

Learning Methods

Learning Method Type	Hours
Workshop	28

Module Offering(s)

Display Name	Location	Start Month	Duration Number Duration Unit
JAN-CTY	CTY	January	28 Weeks

Aims and Outcomes

Aims	To display a critical understanding of complex and specialised research knowledge and skills through the development of research proposals that demonstrate a) the potential for the creation of new knowledge at the forefront of their academic discipline or their area of professional practice b) the use of appropriate techniques/methodologies in their research.
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After completing the module the student should be able to:

Learning Outcomes

Code	Number	Description
MLO1	1	Identify personal investigative projects and critically evaluate and reflect on their learning in relation to these projects.
MLO2	2	Recognise, and describe problems in the work place, plan and implement solutions
MLO3	3	Plan research work, which is original, coherent and significant to their professional area

Module Content

Outline Syllabus	Students will engage with the principles, theory and practice of:planning, project management, application of theory to practice, research design, data analysis techniques, critical approaches to research and knowledge problems, ethical approaches in professional practice and research, developing a learning agreement, problem solving through action learning strategies and processes, research impact and dissemination.
Module Overview	
Additional Information	This module is designed to equip students with the skills and confidence to develop and complete a detailed research proposal for a substantial research project. On completion of the module students will be able to produce: aims, objectives, research questions, literature reviews, critical responses to methodology, methods, data collection and analysis for work at level 8. Underpinning the research proposal will be an identification of how the research will contribute to knowledge and/or professional practice.In addition, students will be able to produce a learning agreement that allows them to provide a reflective account of their learning, identification of any barriers, identification of any support mechanisms needed, expectations about the supervisory relationship, identification of research development skills, and an action plan.

Assessments

Assignment Category	Assessment Name	Weight	Exam/Test Length (hours)	Module Learning Outcome Mapping
Report	Learning Agreement	30	0	MLO1
Centralised Exam	Research Proposal	70	0	MLO2, MLO3

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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