LIVERPOOL JOHN MOORES UNIVERSITY

Research Enquiry and Analysis

Module Information

2022.01, Approved

Summary Information

Module Code	8404ENGD
Formal Module Title	Research Enquiry and Analysis
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 collect and interpret qualitative and/or quantitative data to support the creation and interpretation of new knowledge

After completing the module the student should be able to:

Learning Outcomes

Code	Number	Description
MLO1	1	Collect qualitative and/or quantitative data to support the creation and interpretation of new knowledge
MLO2	2	Interpret and present qualitative and/or quantitative data clearly and concisely
MLO3	3	Apply and develop appropriate research analysis techniques/methods

Module Content

Outline Syllabus	Students will engage with the principles, theory and practice of:Quantitative data analysis - validity, reliability, descriptive statistics, inferential statisticsQualitative data analysis - content analysis, thematic analysis, discourse analysis, grounded theoryInterrogating data using appropriate software such as SPSS and QSR NVivo
Module Overview	
Additional Information	This module is designed to equip students with the skills and confidence to develop and complete their research enquiry and data analysis section, that will eventually contribute to the final thesis submission.

Assessments

Assignment Category	Assessment Name	Weight	Exam/Test Length (hours)	Module Learning Outcome Mapping
Report	Interim Data Analysis	100	0	MLO1, MLO2, MLO3

Module Contacts

Module Leader

Contact Name	Applies to all offerings	Offerings
Sean Loughney	Yes	N/A

Partner Module Team

Contact Name	Applies to all offerings	Offerings