

Major Project Research Report

Module Information

2022.01, Approved

Summary Information

Module Code	6162PDE
Formal Module Title	Major Project Research Report
Owning School	Engineering
Career	Undergraduate
Credits	20
Academic level	FHEQ Level 6
Grading Schema	40

Teaching Responsibility

LJMU Schools involved in Delivery
Engineering

Learning Methods

Learning Method Type	Hours
Lecture	11
Seminar	33

Module Offering(s)

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

Aims and Outcomes

Aims	Students will independently plan, organise and manage effective research in order to acquire new knowledge of a self-selected project. This module is designed to prepare and enable students to produce a research report which justifies the selection of a Major Project. It represents the culmination and consolidation of the student's research within their chosen project area.
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After completing the module the student should be able to:

Learning Outcomes

Code	Number	Description
MLO1	1	Apply comprehensive analytical secondary research to a design problem.
MLO2	2	Undertake comparative analysis of products and markets as a research tool to evaluate and propose potential solutions.
MLO3	3	Construct a robust argument for the design problem based on secondary research

Module Content

Outline Syllabus	The module is composed of an initial series of lectures and workshops/seminars including:Project selection criteria - evolution and completion of the Major Project statement brief.Critiquing and communicating understanding of existing research in respect of a chosen area.Structuring and formatting critical reporting documents.Qualitative and quantitative evaluation methods.Students are also encouraged to keep meticulous records and work diaries of their progress with the Major Project as a reflective practice technique to facilitate referencing and referral at the time of writing the project.
Module Overview	You will independently plan, organise and manage effective research in order to acquire new knowledge of a self-selected project. This module is designed to prepare and enable you to produce a research report which justifies the selection of a Major Project. It represents the culmination of your research within your chosen project area.
Additional Information	This module is delivered using a variety methods including lectures and workshops/seminars. The module will be delivered from a engineering and product design perspective.

Assessments

Assignment Category	Assessment Name	Weight	Exam/Test Length (hours)	Module Learning Outcome Mapping
Dissertation	Major Project Research Report	100	0	MLO1, MLO2, MLO3

Module Contacts

Module Leader

Contact Name	Applies to all offerings	Offerings
Kevin Johnston	Yes	N/A

Partner Module Team

Contact Name	Applies to all offerings	Offerings
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