

Major Project

Module Information

2022.01, Approved

Summary Information

Module Code	6163PDE
Formal Module Title	Major Project
Owning School	Engineering
Career	Undergraduate
Credits	40
Academic level	FHEQ Level 6
Grading Schema	40

Teaching Responsibility

LJMU Schools involved in Delivery
Engineering

Learning Methods

Learning Method Type	Hours
Practical	22
Seminar	11
Workshop	121

Module Offering(s)

Display Name	Location	Start Month	Duration Number Duration Unit
SEP-CTY	CTY	September	28 Weeks

Aims and Outcomes

Aims	Provide an opportunity to complete a substantial piece of design work in a supervised environment that is particular interest to the student. Students will be expected to demonstrate the application of knowledge and skill gained throughout the duration of their programme.
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After completing the module the student should be able to:

Learning Outcomes

Code	Number	Description
MLO1	1	Demonstrate independent creative thinking and judgement in the pursuit of solutions to complex design problems
MLO2	2	Analytically apply design skills and techniques to produce design solutions to professional, highly creative standards
MLO3	3	Follow a recognised design process from a design brief/specification and develop a design solution from a range of ideas.
MLO4	4	Communicate a design to an audience and answer questions about the work.

Module Content

Outline Syllabus	This is a self-determined project-based module to allow students the opportunity to demonstrate their design-thinking and design-craft skills. It builds on knowledge gained from the L6 Semester 1 module: Major Project Research Report. The module consists of a major design project proposed by the student and validated by staff. The student, with tutorial guidance, will determine the nature and direction of the design project once they have undertaken a period of initial research (in module 6162PDE) and generated a series of design propositions based upon it. The module involves a series of seminars and workshops, which focus on the delivery of the project solution propositions. Guidance is given on appropriate philosophies of approach, theory, methodologies and techniques.
Module Overview	This module provides an opportunity to complete a substantial piece of design work in a supervised environment that is of particular interest to you. You will demonstrate the application of knowledge and skill gained throughout the duration of the programme.
Additional Information	Students will be required to display their work in an official location as defined by the programme team and in a format according to the module documentation provided. An official oral examination (viva) in the same location will be done at a pre-arranged time and date. At the time of the oral examination, students will be required to confirm to the examination panel that the work which has been submitted, and which is on display, is entirely their own except for where acknowledgements or citations have been provided.

Assessments

Assignment Category	Assessment Name	Weight	Exam/Test Length (hours)	Module Learning Outcome Mapping
Portfolio	Posters and Process Book	30	0	MLO1
Portfolio	Viva	20	0	MLO4
Artefacts	Final Display Model	50	0	MLO2, MLO3

Module Contacts

Module Leader

Contact Name	Applies to all offerings	Offerings
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Adam Papworth	Yes	N/A
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Partner Module Team

Contact Name	Applies to all offerings	Offerings
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