

Liverpool John Moores University

Title: Major Project Research Report
Status: Definitive
Code: **6162PDE** (121757)
Version Start Date: 01-08-2021

Owning School/Faculty: Engineering
Teaching School/Faculty: Engineering

Team	Leader
Jamie Finlay	Y
Fang Guo	
Adam Papworth	
Kevin Johnston	

Academic Level: FHEQ6 **Credit Value:** 20 **Total Delivered Hours:** 44
Total Learning Hours: 200 **Private Study:** 156

Delivery Options

Course typically offered: Semester 1

Component	Contact Hours
Lecture	11
Seminar	33

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Report	Rpt	Major Project Research Report	100	

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.

Learning Outcomes

After completing the module the student should be able to:

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

Learning Outcomes of Assessments

The assessment item list is assessed via the learning outcomes listed:

Major Project Research Report	1	2	3
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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.

Learning Activities

This module is delivered using a variety methods including lectures and workshops/seminars. The learning activities are to be student focused and develop the students design knowledge through experiential learning.

Notes

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.