

Liverpool John Moores University

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Title: Integrated Design 2: Explorative Project - Technology
Status: Definitive
Code: **5124ASA** (129252)
Version Start Date: 01-08-2021

Owning School/Faculty: Liverpool School of Art & Design
Teaching School/Faculty: Liverpool School of Art & Design

Team	Leader
Joanne Hudson	Y
Jim Sloan	
Simon Tucker	
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Gary Brown	

Academic Level: FHEQ5 **Credit Value:** 20 **Total Delivered Hours:** 80
Total Learning Hours: 200 **Private Study:** 120

Delivery Options

Course typically offered: Semester 2

Component	Contact Hours
Lecture	11
Seminar	14
Tutorial	28
Workshop	27

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Artefacts	AS1	Technical Study	100	

Aims

The aims for this module are to develop explorative processes in architectural design thinking, production, technical studies, and representation. Whilst, students will continue to develop their abilities in creative detailed design and detailed resolution of their design project, they will focus on exploring the integrated consideration of technical issues in relation to their design project, such as materials choice and detailed technical strategies, underpinned by principles of sustainability.

Learning Outcomes

After completing the module the student should be able to:

- 1 Prepare and present a considered technical study of medium scale and complexity, using a range of media, and in response to a brief.
- 2 Develop and demonstrate a responsive approach to architectural design that integrates aesthetic aspects, user needs and the technical requirements of structure, materiality and construction.
- 3 Explore and apply relevant lines of inquiry relating to structural strategy, construction and materiality, and the demonstration of alternatives, to the architectural design project.
- 4 Communicate these inquiries and their outcomes through a range of visual communication materials.

Learning Outcomes of Assessments

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

Artefact	1	2	3	4
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Outline Syllabus

The module will seek to further seamlessly integrate explorative processes in the resolution of a design project. A focus on explorative thinking and designing will continue throughout this module. Students will explore and integrate the consideration of technical issues in relation to their design project, such as materials choice and detailed technical strategies (structure, construction and materiality), underpinned by principles of sustainability.

Learning Activities

The design learning activities will focus on developing and resolving the tectonic aspects - structural strategy, construction and materiality - of the design project in increasing levels of detail. Learning activities will be supported through lectures, tutorials, seminars and workshops running during the course of the module. Students will also be expected to engage in a significant element of self-directed learning, as well as background reading and research. Presentation material is to be produced in terms of architectural drawings (plans, sections, structural axonometrics, isometrics or similar and construction details) and models. Design development and process should be recorded in each student's technical journal.

Notes

This module develops explorative processes in architectural design thinking, production, technical studies, and representation. Students will further develop their abilities in creative detailed design and detailed resolution of their design project. They will also explore the integrated consideration of technical issues in relation to their design project.

This module comprises one assignment; to demonstrate the tectonic resolution of this design project.