

## Liverpool John Moores University

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Title: Design 3: Crafting a Spatial Proposition  
Status: Definitive  
Code: **4124ASA** (129264)  
Version Start Date: 01-08-2021

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

| Team           | Leader |
|----------------|--------|
| Peter Horrocks | Y      |
| Jim Sloan      |        |
| Jamie Scott    |        |
| Caspar Jones   |        |
| Anthony Malone |        |

**Academic Level:** FHEQ4  
**Credit Value:** 10  
**Total Delivered Hours:** 40  
**Total Learning Hours:** 100  
**Private Study:** 60

### Delivery Options

Course typically offered: Semester 2

| Component | Contact Hours |
|-----------|---------------|
| Lecture   | 4             |
| Seminar   | 7             |
| Tutorial  | 14            |
| Workshop  | 15            |

**Grading Basis:** 40 %

### Assessment Details

| Category  | Short Description | Description               | Weighting (%) | Exam Duration |
|-----------|-------------------|---------------------------|---------------|---------------|
| Artefacts | AS1               | Design project resolution | 100           |               |

### Aims

*To provide students with an opportunity to refine and conclude the design of a building incorporating urban design ideas and, in particular, the interface condition between building and the street and context.*

*To explore and synthesise thematic ideas as a process in design.*

*To further develop the phenomenon of 'place' as an interrelated programme of activities embracing techniques of strategy-making, space-planning, building and structural organisation underpinned by spatial investigations through the consideration of light.*

*To introduce to students the nature of architectural assembly within current sustainable thinking.*

*To develop the previously established programme of self-learning and key skills.*

## **Learning Outcomes**

After completing the module the student should be able to:

- 1 Prepare and present a building design project of small scale, some complexity, and of a type in a particular context, using a range of media, and in response to a brief.
- 2 Demonstrate the basic ability to develop a conceptual and critical approach to architectural design that integrates and satisfies the aesthetic aspects of a building and the technical requirements of its construction & the needs and aspirations of the user.
- 3 Investigate, appraise and select alternative structural, constructional and material systems relevant to an architectural design.
- 4 Present strategies for building construction, and to integrate knowledge of structural principles and construction techniques.
- 5 Communicate the technical resolution of a building project utilising standard drawings conventions.

## **Learning Outcomes of Assessments**

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

|          |   |   |   |   |   |
|----------|---|---|---|---|---|
| Artefact | 1 | 2 | 3 | 4 | 5 |
|----------|---|---|---|---|---|

## **Outline Syllabus**

*The design process will focus on an architectural exploration within an urban context. The culmination of the design project will require the student to consider their design as an assemblage of components with a focus on Technology, Materials and Sustainability. Staff will deliver illustrated lectures on Design and Structural Detailing throughout the Semester.*

*Individual guidance sessions will be arranged to monitor the progress of the student's personal development programme (PDP).*

## **Learning Activities**

Tutorial-based research and outline design development. Design Reviews and a final presentation in the studio.

Workshops developing skills in orthographic and perspective drawing, modelling, colour studies, volumetric s, proportions, detailing. A Design Journal is to be continuously updated to show evidence of design process and related investigations

## **Notes**

The culmination of the academic year, this module develops the concepts of the previous project work into a resolved architectural proposition, expressed through physical models, orthographic and perspective drawings. The module includes a constructional submission. The development of design skills is supported by weekly tutorials interspersed with design reviews. Design Workshops provide guidance towards the constructional section and building assembly of the project.