

## Liverpool John Moores University

Title: Architectural Design 2 - Resolution Stage 2  
Status: Definitive  
Code: **4124AR** (123451)  
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      |
| Jamie Scott      |        |
| Caspar Jones     |        |
| Anthony Malone   |        |
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**Academic Level:** FHEQ4      **Credit Value:** 20      **Total Delivered Hours:** 96  
**Total Learning Hours:** 200      **Private Study:** 104

### Delivery Options

Course typically offered: Semester 2

| Component | Contact Hours |
|-----------|---------------|
| Lecture   | 5             |
| Seminar   | 15            |
| Tutorial  | 28            |
| Workshop  | 48            |

**Grading Basis:** 40 %

### Assessment Details

| Category  | Short Description | Description  | Weighting (%) | Exam Duration |
|-----------|-------------------|--|---------------|---------------|
| Artefacts | AS1               | Developing, refining and completing an architectural building design developed from the origination / gestative stage. | 60            |               |
| Artefacts | AS2               | Preparing a constructional sectional and elevational study related to the building design.                             | 40            |               |

## 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 Be able to synthesise the creative application of art, cultural, environmental or other work to studio architectural projects, in terms of their conceptualisation and representation. (GC3.2 / 3.3).
- 2 Have the ability to 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. (GC1.1).
- 3 Have 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. (GC1.3).
- 4 Have an understanding of the investigation, appraisal and selection of alternative structural, constructional and material systems relevant to architectural design. (GC8.1).
- 5 Have an understanding of strategies for building construction, and ability to integrate knowledge of structural principles and construction techniques. (GC8.2).
- 6 Be able to communicate utilising standard drawings conventions the technical resolution of a building project. (GC1.2).

## Learning Outcomes of Assessments

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

|             |   |   |   |   |   |   |
|-------------|---|---|---|---|---|---|
| Artefacts 1 | 1 | 2 | 3 | 4 | 5 | 6 |
| Artefacts 2 | 4 | 5 | 6 |   |   |   |

## 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 preparation of an illustrated report, produced digitally, related to the thematic and theoretical exploration of the project. Workshops developing skills in orthographic and perspective drawing, modelling, colour studies, volumetric s, proportions, detailing, etc. CAAD training and development primarily utilising SketchUp and Photoshop. A Design Diary is to be continuously updated to show evidence of self-learning.

## **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.