

## Liverpool John Moores University

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Title: Fundamental Skills: Understanding buildings through drawing  
Status: Definitive  
Code: **4121ASA** (129261)  
Version Start Date: 01-08-2021

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

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

**Academic Level:** FHEQ4      **Credit Value:** 20      **Total Delivered Hours:** 60

**Total Learning Hours:** 200      **Private Study:** 140

### Delivery Options

Course typically offered: Semester 1

| Component | Contact Hours |
|-----------|---------------|
| Lecture   | 8             |
| Seminar   | 7             |
| Tutorial  | 21            |
| Workshop  | 24            |

**Grading Basis:** 40 %

### Assessment Details

| Category  | Short Description | Description  | Weighting (%) | Exam Duration |
|-----------|-------------------|--|---------------|---------------|
| Artefacts | AS1               | Group work to analyse and evaluate the process of design in the production of buildings. | 70            |               |
| Artefacts | AS2               | Artefacts are produced to evidence skills in the understanding and application of        | 30            |               |

| Category | Short Description | Description                   | Weighting (%) | Exam Duration |
|----------|-------------------|-------------------------------|---------------|---------------|
|          |                   | materials in design projects. |               |               |

## Aims

*To introduce methods of architectural and spatial analysis and of the interpretation of ideas which underpin the creation of architectural space and composition.*

*To develop the fundamental skills of architectural drawing in a range of media, utilising architectural conventions.*

*To engage in the fundamentals of analysis of architectural design through an understanding of space, light and order.*

*To introduce the nature of construction and an understanding of construction materials.*

*To introduce and formalise a programme of self-learning and key skills for the student.*

## Learning Outcomes

After completing the module the student should be able to:

- 1 Demonstrate analytical skills enabling the understanding of the design of buildings.
- 2 Explain the cultural, social and intellectual histories, theories and technologies that influence the design of buildings.
- 3 Create orthographic architectural drawings with the relevant architectural conventions.
- 4 Discuss a range of building materials and their use in buildings.

## Learning Outcomes of Assessments

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

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

## Outline Syllabus

*Students are required to examine the thematic ideas and physical nature of high quality buildings through history and in so doing to begin to grasp the notion of 'place'.*

*Studio workshops in orthographic drawings, 3D representational techniques, architectural conventions, and sketching take place.*

*A course of illustrated lectures is given which introduces the role of the architect and the making of long-lasting buildings. Each building used in the lectures is analysed and accent placed on innovatory thinking and on the technical and practical horizons at work within the profession of architecture as evidenced in these constructions.*

*Case studies of historically important buildings or building typologies illustrating key*

*advances in building technology are presented. Each case study is placed within its political, social and cultural context.*

## **Learning Activities**

A Design Journal and analytical drawings will be the primary means of studying buildings. Students will also be expected to engage in a significant element of self-directed learning. The first assessed element of the module will be a digital presentation prepared by students working in small groups. The second assessed element will be an individual design project utilising the architectural qualities and techniques explored in the previous submission.

## **Notes**

This module provides an introduction to some fundamental aspects of architectural analysis and design process. The first stage of the module involves the study, drawing and presentation of architectural qualities found in a range of notable existing buildings. These comparative studies are undertaken as group work. The second stage is an individual student submission for a small design proposal utilising the ideas and qualities previously explored.