

Liverpool John Moores University

Title: ARCHITECTURAL DESIGN (1)
Status: Definitive
Code: **4042AR** (109659)
Version Start Date: 01-08-2011

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

Team	Leader
Morel Rowlinson	Y
Dominic Wilkinson	
Charles Smith	
Athanassios Migos	
Anthony Malone	
Gary Brown	

Academic Level: FHEQ4 **Credit Value:** 36.00 **Total Delivered Hours:** 44.00

Total Learning Hours: 360 **Private Study:** 316

Delivery Options

Course typically offered: Semester 1

Component	Contact Hours
Lecture	10.000
Tutorial	10.000
Workshop	24.000

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Essay	AS1	by submission of coursework including evidence of Design, Representation, Visualisation, Research and Analysis and Studentship.	100.0	

Aims

To introduce students to the process of architectural design by exploring ideas concerning composition, landscape, space-making and by producing of drawings and models which communicate design ideas. To develop the capacity within the student to enquire and take a proactive approach to academic study to enable her/him to engage critically with the subject, and for the student to plan and review this process.

Learning Outcomes

After completing the module the student should be able to:

- 1 demonstrate an ability to work in a team, contribute to tutorials, respond to programme objectives.
- 2 know how to research, analyse and interpret architectural precedents and develop a programme and ambition for design according to a given brief or thematic idea.
- 3 present analytical studies or self-generated design ideas, both visually and verbally, to a panel of critics.
- 4 demonstrate, through design, a basic understanding of architectural typologies, of formal composition (through the application of geometry), of spatial sequencing, of movement through buildings and landscapes, and of issues of sustainability.
- 5 produce basic plans, sections and elevations, 3D images and detailed scale models of a building or architectural object.
- 6 take responsibility for, and know how to develop and respond to, a programme of self-learning and enquiry at an architectural level.

Learning Outcomes of Assessments

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

ESSAY	1	2	3	4	5	6
-------	---	---	---	---	---	---

Outline Syllabus

Reading programme related to form, space and order.

A series of design lectures on historical and contemporary examples of excellence.

A series of lectures on use of materials, structure, and environmental concerns.

Twice-weekly individual tutorial sessions in studio.

Assessed workshop sessions on 3-dimensional and orthographic drawing.

Preparation of design drawings and models for Review and assessment.

Individual guidance on Personal Development Programme.

This module incorporates elements of a Personal Development Programme (PDP) in which the student is to take responsibility for a programme of architectural self-learning and key skills development.

Learning Activities

Lectures, studio workshops, individual tuition, design reviews and individual feedback and assessment, Portfolio Review, PDP Reviews. Coursework submitted

for assessment should include the following components:

Design – quality of space, form, fabric, daylight, context, response to brief

Representation – orthographic drawing (plan, section, elevation)

Visualisation – quality of 3D imagery

Research and Analysis – precedent study, generation of ideas, thematic interpretation

Studentship – attendance, contribution to tutorials, monitored progress.

References

Course Material	Book
Author	BACHELARD, G
Publishing Year	1969
Title	'Poetics of Space'
Subtitle	
Edition	
Publisher	Beacon
ISBN	

Course Material	Book
Author	BERGER, J.
Publishing Year	1972
Title	'Ways of Seeing : Based on the B.B.C. Television Series with John Berger'
Subtitle	
Edition	
Publisher	B.B.C. / Penguin,
ISBN	

Course Material	Book
Author	CHING, F.D.K.
Publishing Year	1996
Title	'Architecture : form, space, and order'
Subtitle	
Edition	
Publisher	Van Nostrand Reinhold
ISBN	

Course Material	Book
Author	ALEXANDER, C.
Publishing Year	1977
Title	'Pattern language : towns, buildings, construction'
Subtitle	
Edition	

Publisher	Oxford U.P
ISBN	

Notes

Students are required to purchase orthographic drawing equipment.
Students are required to undergo a Health and Safety demonstration for the safe use of modeling equipment. This module incorporates elements of a Personal Development Programme (PDP) in which the student is to take responsibility for a programme of architectural self-learning and key skills development.