

Liverpool John Moores University

Title: DRAWING AND VISUALISATION
Status: Definitive
Code: **4010ID** (109943)
Version Start Date: 01-08-2011

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

Team	Leader
Gary Brown	Y

Academic Level: FHEQ4
Credit Value: 36.00
Total Delivered Hours: 89.00
Total Learning Hours: 360
Private Study: 271

Delivery Options

Course typically offered: Semester 1

Component	Contact Hours
Lecture	14.000
Online	35.000
Seminar	10.000
Tutorial	9.000
Workshop	21.000

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Essay	AS1	assessed through review.	100.0	

Aims

To explore representative drawing skills as a thought process, as analysis, representation and communication, introducing different approaches to drawing as a process of thought.

To enhance spatial awareness through practical feedback mechanisms related to real size objects and recording and measuring animated presence in and around objects within a particular format / space.

To introduce to students the means of exploring the nature of architectural space, interrogating and acting upon its conceptual and physical constitution.

Learning Outcomes

After completing the module the student should be able to:

- 1 Demonstrate the ability to utilize and discuss different media to manipulate, represent, explore and communicate form, space, and materials.
- 2 Interpret and produce two and three dimensional applied geometry, scaled orthographic drawings, and other illustrative representations to resolve spatial problems. (Link outcome to LSAID1002, anthropometrics data and natural lighting)
- 3 Exhibit and utilise general knowledge of anthropometric data, and environmental energies to resolve motion and facilitation integrating plural activities within space.
- 4 Demonstrate an ability to interpret thematic ideas into the reality of a spatial design and produce qualitative scaled representations of this reality.

Learning Outcomes of Assessments

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

CW	1	2	3	4
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Outline Syllabus

7 no. 2 hour introductory seminars & 7 no. 1 hr intros, 10 no. 90min drawing classes ,4 no seminar / lectures on the nature of perception, 'how we see' questioning perception through artist / architect / designer examples... 2 no. lecture / seminars on anthropometrics. 2 no. lecture / seminars on colour and texture5 no. 1 hour lectures on geometry and culture, perception and the orders of spatial organisation, 1no. 1 hour lecture on stair design, . 2 no. DTP tuition sessions of 1.5 hours, 2 no. CAD tuition sessions of 1.5 hours (note lighting workshop related to, day-lighting & sun-lighting)

3 no. 3hr workshops, that test and tutor the techniques & methods of visual representation 5 no. 1 hour group seminar / tutorial sessions in the studio covering tectonic manoeuvres, form & space, colour & texture, orthographic drawing codes & basic model making skills

Tutor and peer reviews 7 no 3 hour sessions. Feedback 7 no. 1 hr overall discussion and 8 no. 15min individual feedback. Group tutorials 3 no. 1 hour group sessions

A study of movement and motion in space. A study of symmetry and balanced asymmetry. A study of 2D representational orthographics. A study of 3D representational orthographics (group). An exploration of Euclidean geometry. An exploration of post-Euclidean geometry. A production of experiential geometry using related techniques of space manipulation. The design and representation of an intimate space.

Learning Activities

Seminar/ lectures, studio workshops, reviews, group and individual coursework
Duration of module 13 weeks.

Relating to Interior Design Outcomes

A5, B6, C2, C3, A2, A6, B2, B5, B6, C4, D3, D4 A5, B5, C2, C3, C5,
D1, D5, D6

References

Course Material	Book
Author	BACHLARD, G.
Publishing Year	1969
Title	The Poetics of Space
Subtitle	
Edition	
Publisher	Beacon
ISBN	

Course Material	Book
Author	NEUFERT, E.
Publishing Year	1980
Title	Architects data
Subtitle	
Edition	
Publisher	Granada Publishing
ISBN	

Course Material	Book
Author	HAYWARD GALLERY, LONDON REBECCA HORN
Publishing Year	0
Title	bodylandscapes : drawings, sculptures, installations, 1964-2004
Subtitle	
Edition	
Publisher	Hatje Cantz, 2005
ISBN	

Course Material	Book
Author	ACKERMAN, JS
Publishing Year	2002
Title	Origins, imitation, conventions representation in the visual arts / Cambridge, Mass.
Subtitle	
Edition	
Publisher	MIT Press, c2002

ISBN	
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Course Material	Book
Author	CHING, FDK
Publishing Year	1996
Title	Architecture, Form, Space and Order
Subtitle	
Edition	
Publisher	Nostrand (2nd Edition)
ISBN	

Notes

This module prioritises drawing as a 2 and 3 dimensional means of practical investigation in a variety of media. Drawing is used as critical thought related to the analysis of the external world and the interpretive workings of the mind. The module also forms the basis for both group and individual experimentation in furniture and fittings as facilitation to space.