

Liverpool John Moores University

Title: Design 3 - Spatial Combinations and Permutations
Status: Definitive
Code: **5018ID** (117826)
Version Start Date: 01-08-2011

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

Team	Leader
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Academic Level: FHEQ5 **Credit Value:** 24.00 **Total Delivered Hours:** 80.00
Total Learning Hours: 240 **Private Study:** 160

Delivery Options

Course typically offered: Standard Year Long

Component	Contact Hours
Lecture	4.000
Seminar	20.000
Tutorial	28.000
Workshop	28.000

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Artefacts	AS1	Artefact	20.0	
Artefacts	AS2	Artefact	80.0	

Aims

*To engender an appropriate approach to research, development and communication related to contemporary society and its reflective culture;
To utilise the results of these methods to critically assess the concept of a workplace*

or sleep-space relative to contemporary contextual issues and to design a contemporary workplace/ sleepspace.

To investigate how groups of people interface and work together to achieve complex aims, and the appropriate formats of space, facility and environment for this interchange.

Learning Outcomes

After completing the module the student should be able to:

- 1 1 Exhibit the facility to research particular topics, through the knowledge of information storage and retrieval mechanisms.
- 2 2 Have the ability to review and criticise recorded data in its relationship to the real world and be capable of formulating and presenting a themed strategy related to this information.
- 3 3 Exhibit the ability to transfer the aims of the client through a briefing document into supportive facilities and space for people, and to discuss the disposition of groups of people related to the activities required in a scheme of multiple two dimensional landscapes with development patterns of use.

Learning Outcomes of Assessments

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

Artefact	1	2
Artefact	2	3

Outline Syllabus

Lectures 2 x 2 hours; 3 x 3 hour workshops on information gathering, assimilation & recording; 4 seminars on typological workplaces/sleep-spaces & cultures, furniture colour & texture of minimum 1 hour duration. Typology presentations by students of 6 hours ;4 x CAD sessions of 1.5 hours duration; 7 x group tutorials of 4 hours. Environmental workshop of 6 hours (lighting and ventilation). Tutor and peer reviews 2 no of 6 hours. Feedback 3 hours, group 3 hours, individual.

Scheme level is a large two-dimensional space-planning exercise as a landscape, together with strategies for distribution over more than one level. Assessment of group work, workshops & research accounts for 33% of the total mark, assessment is through AV presentation (Assessment 1). Assessment of the project work associated with the research constituting models, scaled drawings and representations accounts for 67 % of the total mark. (Assessments 2 & 3) Note studentship as defined in the student handbook is an integral part of assessment.

Learning Activities

Seminar / lectures, Group tutorials, CAD tutorial sessions, Workshops, Reviews

Relates to Interior design learning Outcomes A3, A4, A5, A6, B2, B5, B6, B7, C2, C3, C4, C5, D1, D2, D4, D5, D6.

References

Course Material	Book
Author	Duffy, F.
Publishing Year	1997
Title	The New Office
Subtitle	
Edition	
Publisher	Conran Octopus, London
ISBN	

Course Material	Book
Author	Henderson, J.
Publishing Year	1998
Title	Workplaces and Workspaces
Subtitle	Office Designs that Work
Edition	
Publisher	Rockport, Massachusetts
ISBN	

Course Material	Book
Author	Kubba, S.
Publishing Year	2003
Title	Space Planning for Commercial and Residential Interiors
Subtitle	
Edition	
Publisher	McGraw-Hill, New York
ISBN	

Course Material	Book
Author	Marmot, A. and Eley, J.
Publishing Year	2000
Title	Office Space Planning
Subtitle	Designing Tomorrow's Workspace
Edition	
Publisher	McGraw-Hill, New York
ISBN	

Course Material	Book
Author	Tsang, D.
Publishing Year	2010
Title	Xtra Hotels

Subtitle	
Edition	
Publisher	Pace Publishing, Hong Kong
ISBN	

Course Material	Book
Author	Zhai, D.
Publishing Year	2010
Title	Top Hotel
Subtitle	
Edition	
Publisher	Metto International, Shenzhen
ISBN	

Notes

The project centres around developing patterns for out benefit through combinations and permutations of a basic spatial form related to social and cultural expectancies. Typically the design will be of a medium scale in repeated floors each of which will have different spatial patterns as a strategic response to market and or cultural requirements.

The design initiates with questioning a particular market and generating a brand as a strategy for spatial and symbol distribution. The project is the first to promote CAD as a permutation tool, however, CAD is not an essential requirement of the project. Assessment is through drawings and models.