Liverpool John Moores University

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Title:	COMPREHENSIVE DESIGN PROJECT (CDP2)
Status:	Definitive
Code:	**7062AR** (109692)
Version Start Date:	01-08-2011
Owning School/Faculty:	Liverpool School of Art & Design
Teaching School/Faculty:	Liverpool School of Art & Design

Team	Leader
Ian Wroot	Y

Academic Level:	FHEQ7	**Credit Value:**	60.00	**Total Delivered Hours:**	56.00
Total Learning Hours:	600	**Private Study:**	544		

Delivery Options
Course typically offered: Standard Year Long

Component	Contact Hours
Lecture	56.000

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Presentation	AS1	Submission of coursework as defined in White Book	10.0	
Report	AS3	Submission of coursework as defined in White Book	20.0	
Artefacts	AS2	Submission of coursework as defined in White Book	70.0	

Aims

The Diploma in Architecture is not part of the University Modular Framework (UMF) scheme.
This module proforma has been created for administrative/reporting purposes only.
The Diploma in Architecture is a professional qualification validated by RIBA and

ARB. The single source of course information is the 'White Book' – an Academic Guide produced by the LJMU Architecture Department and available to download as a PDF file at:-
http://www.staff.livjm.ac.uk/lsaiwroo/

Learning Outcomes

After completing the module the student should be able to:

1	1 Demonstrate the ability to research appropriate precedents for the chosen building type.
10	10 Produce a comprehensive visual impact study.
11	11 Present a building design to a high standard through drawings, physical models and digital media.
12	12 Understand architecture as best being an integration of differing scales of work, the contribution of many skills and the embodiment of sound professional practices.
2	2 Prepare a Schedule of Accommodation including needs for outdoor space(s), servicing, parking etc
3	3 Confirm the site chosen from the Masterplan as being suitable.
4	4 Demonstrate the ability to define where accent will be placed on the interpretation of the Brief.
5	5 Establish a 'sustainability profile' for the building as an overall ambition and as performance targets.
6	6 Prepare an initial concept / sketch design of the building in its urban context for review, in order that design development can continue during the winter break.
7	7 Explore a contemporary architectural theme through in-depth research and the intelligent development of a critical argument.
8	8 Present the results of their individual research to their peers and assessors and engage in intelligent debate about their work.
9	9 Demonstrate the ability to design a large, complex, mixed-use building with high quality architectural design as a prime ambition.

Learning Outcomes of Assessments

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

PRES	1	2	3	4	5	6
RPT	7	9	10	12		
ART	8	9	10	11	12	

Outline Syllabus

CDP Brief Component
Students will be expected to choose a building within their small group / individual Masterplan suitable to be a CDP subject before the Review in Week 11. Students can therefore choose different buildings which create a cluster within the Group Masterplan. The detailed Project Brief identifies appropriate outcomes to be achieved before the winter break.

Comprehensive Design Project (CDP2)
This module will integrate design activity with activity in the subjects of History and Theory (as design research) and Technology and Practice (as written and drawn evidence).

The range of project topics to be undertaken by students as CDPs will, in the main, have been drawn from urban design project work undertaken in the main part of the first Semester and each student will agree a programme of work with the Module Leader which best suits their specialist leanings.

The building types and architectural circumstances offered to the students will have sufficient inherent difficulty compared to the CDP1 (BA Year Three) to warrant MArch (ARB / RIBA Part 2) status.

These projects will be in Liverpool (or another city where Urban Regeneration / Sustainable Communities are a priority) with the collaboration of partners (either real or theoretical) representing the key development stakeholders and agencies.

The module will result in each individual student preparing a high quality design for a complex building, where evidence will be shown of drawing (hand drawn and computer generated) and physical / computer model building skills, which deal with concept, site strategy and landscape, with the spaces of the building in two and three dimensions, with the integrated application of sophisticated environmental engineering thinking, structural engineering and constructional detailing in three dimensions. Such thinking will be communicated through drawings and with annotation of the drawings as integrated texts. This module will fully utilise the model making and CAD workshops.

Learning Activities

CDP Brief Component (Sem1)
Analysis, Precedent Research, a Full Brief and Schedule of Accommodation for the proposed CDP building, completion of Ecological Performance Criteria and Targets, siting options appraisal and urban design volumetric study.

Comprehensive Design Project (CDP2)
The CDP will engage detailed design and build-ability studies, showing an appreciation of sustainability matters. The CDP will be developed at 1:500, 1:200, 1:100, 1:50 and more detailed scales as appropriate.

With respect to History and Theory as Design Research studies, these will become a key part of an introduction to the Project Report and the first Review for the Module held late in Semester One should concentrate on this matter together with site selection and brief-writing. In terms of Technology and Practice, each student will prepare material on their CDP design topic within their Project Report and as project drawings / information. An outline of the Project Report contents required will be issued to each student as a separate document.

References

Course Material	Book
Author	
Publishing Year	2004
Title	Phaidon Atlas of Contemporary Architecture
Subtitle	
Edition	
Publisher	Phaidon, London
ISBN	

Course Material	Book
Author	Fletcher, B
Publishing Year	1987
Title	A History of Architecture
Subtitle	
Edition	
Publisher	Butterworths, London
ISBN	

Course Material	Book
Author	Filler, M
Publishing Year	2007
Title	Makers of Modern Architecture
Subtitle	
Edition	
Publisher	New York Review Books, New York
ISBN	

Course Material	Book
Author	Frampton, K
Publishing Year	1980
Title	Modern Architecture
Subtitle	A Critical History
Edition	
Publisher	Thames and Hudson, London
ISBN	

Course Material	Book
Author	Frampton, K
Publishing Year	1995
Title	Studies in Tectonic Culture
Subtitle	
Edition	
Publisher	MIT Press, Massachusetts
ISBN	

Course Material	Book
Author	Haraguchi, H
Publishing Year	1989
Title	20th Century Houses
Subtitle	
Edition	
Publisher	Wiley, New York
ISBN	

Course Material	Book
Author	Le Corbusier
Publishing Year	1967
Title	Ouvre Complet
Subtitle	
Edition	
Publisher	Thames and Hudson, London
ISBN	

Course Material	Book
Author	Sola-Morales et al
Publishing Year	1993
Title	Barcelona Pavilion
Subtitle	Mies van der Rohe
Edition	
Publisher	Editorial Gustavo gili, Barcelona
ISBN	

Course Material	Book
Author	Ando, T
Publishing Year	1991
Title	Details 1 and Details 2
Subtitle	
Edition	
Publisher	Edita Ltd, Helsinki
ISBN	

Course Material	Journal / Article
Author	
Publishing Year	
Title	Working Details
Subtitle	
Edition	
Publisher	Architects Journal
ISBN	

Course Material	Journal / Article

Author	
Publishing Year	
Title	Detail
Subtitle	
Edition	
Publisher	The Journal
ISBN	

Notes

Additional information will be provided in Module Handbook and module component briefing documents.