

## Liverpool John Moores University

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Title: Comprehensive Design Project (2)  
Status: Definitive  
Code: **7009MARCH** (117680)  
Version Start Date: 01-08-2016

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

Team	Leader
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**Academic Level:** FHEQ7      **Credit Value:** 48      **Total Delivered Hours:** 72

**Total Learning Hours:** 480      **Private Study:** 408

### Delivery Options

Course typically offered: Standard Year Long

Component	Contact Hours
Lecture	7
Practical	56
Tutorial	9

**Grading Basis:** 40 %

### Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Report	AS1	CDP Brief Report	10	
Report	AS3	CPD Project Report	20	
Artefacts	AS2	Design Studies Comprehensive Design Project (CDP2) - Presentation and Artefacts.	70	

### Aims

### *CDP Brief Component*

*To commence work on an individual Comprehensive Design Project (CDP). Students will be expected to choose a project that originates from their earlier urban design project suitable to be a CDP subject before the Review in Week 13. Students can therefore choose different projects which create a cluster within the Group Masterplan. The detailed Project Brief identifies appropriate outcomes to be achieved before the winter break.*

### *Design Studies Component*

*To design a complex piece of architecture equivalent to a building of about 3,000 m<sup>2</sup> in size, demonstrating knowledge, understanding and ability in working at all relevant scales from site context to constructional details and to demonstrate the integration of key technical and environmental decisions and key management, practice and legal matters into the explanation of the building.*

## **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.
- 2 2 Prepare a Schedule of Accommodation including needs for outdoor space(s), servicing, parking etc
- 3 3 Prepare an initial concept / sketch design of the building in its urban context for review.
- 4 4 Explore a contemporar architectural theme through in-depth research and the intelligent development of a critical argument.
- 5 5 Present the results of their individual research to their peers and assessors and engage in intelligent debate about their work
- 6 6 Demonstrate the ability to design a large, complex, mixed-use building with high quality architectural design as a prime ambition.
- 7 7 Produce a comprehensive visual impact study.
- 8 8 Present a building design to a high standard through drawings, physical models and digital media.
- 9 9 Understand architecture as best being an integration of differing scales of work, the contribution of many skills and the embodiment of sound professional practices.

## **Learning Outcomes of Assessments**

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

Assign 1	1	2	3				
Report	4	9					
Assign 2	4	5	6	7	8	9	

## **Outline Syllabus**

### *CDP Brief Component*

*This module is taught primarily through tutorials which occur once a week and design reviews which occur at the end of this module component in week 13. There will also be a design seminar which will introduce the new component, and draw upon historical and contemporary information regarding the physical, spatial, functional, economic and political context of the urban locations as the basis for discussion around the themes of the module.*

### *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 Cumbria with the collaboration of partners (either real or theoretical) representing the key development stakeholders and agencies.*

*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.*

*An outline of the Project Report contents required will be issued to each student as a separate document.*

*The Semester will result in each individual student preparing a high quality design for a complex project, 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/CAM 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.

## **Notes**

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