Detailed Design and Project Presentation

Module Information

2022.01, Approved

Summary Information

Module Code	6213BEUG
Formal Module Title	Detailed Design and Project Presentation
Owning School	Civil Engineering and Built Environment
Career	Undergraduate
Credits	30
Academic level	FHEQ Level 6
Grading Schema	40

Teaching Responsibility

LJMU Schools involved in Delivery
Civil Engineering and Built Environment

Learning Methods

Learning Method Type	Hours
Lecture	24
Tutorial	24
Workshop	48

Module Offering(s)

Display Name	Location	Start Month	Duration Number Duration Unit
JAN-CTY	CTY	January	12 Weeks

Aims and Outcomes

Aims	To apply and integrate core architectural technology skills to translate outline designscheme into a detailed building design.To present an end of year project using effective verbal, graphical and writtencommunication skills to a professional standard

After completing the module the student should be able to:

Learning Outcomes

Code	Number	Description
MLO1	1	Develop an integrated set of detailed technical drawings including 3-D detailed components.
MLO2	2	Critically appraise alternative material and component choices with due regard to aesthetic, technical, environmental and financial issues.
MLO3	3	Create a written technical specification to a professional standard.
MLO4	4	Demonstrate high level communication skills in the presentation of their project at the end of year.

Module Content

Outline Syllabus	It is intended that the student develops the individual architectural design prepared in the Advanced Architectural Design module to a detailed design stage to be presented formally at the end of the academic year for assessment.Although the project is a continuation of the design from semester one the focus shifts to the technical, detailed design aspects including:- the process of architectural detailing and annotation - compliance with CDM regulations , risk assessment and hazard identification- compliance with building regulations and building performance- product research, selection and evaluation including 'green' specification- specification writing and use of the National Building Specification (NBS)- component scheduling- maintenance informationStudents will also receive further tuition on Revit to generate 3-D models and production of drawings with an emphasis on detailed components.
Module Overview	The aim of this module is to apply and integrate core architectural technology skills to translate outline design scheme into a detailed building design. You will present an end of year project using effective verbal, graphical and written communication skills to a professional standard.
Additional Information	This module requires the student to continue work on the complex project started in semester one, with an emphasis on the detailed design and specification. The module ends with a crit-style oral presentation.

Assessments

Assignment Category	Assessment Name	Weight	Exam/Test Length (hours)	Module Learning Outcome Mapping
Portfolio	Architectural drawings	40	0	MLO1
Report	Technical Report	40	0	MLO2, MLO3
Reflection	Critical review	20	0	MLO4

Module Contacts

Module Leader

Contact Name	Applies to all offerings	Offerings
Michael Farragher	Yes	N/A

Partner Module Team

Contact Name	Applies to all offerings	Offerings