

## Liverpool John Moores University

Title: PROJECT DEVELOPMENT AND PRESENTATION  
Status: Definitive  
Code: **6117BEUG** (118020)  
Version Start Date: 01-08-2018  
Owning School/Faculty: Built Environment  
Teaching School/Faculty: Built Environment

Team	Leader
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**Academic Level:** FHEQ6      **Credit Value:** 24      **Total Delivered Hours:** 60  
**Total Learning Hours:** 240      **Private Study:** 180

### Delivery Options

Course typically offered: Standard Year Long

Component	Contact Hours
Lecture	12
Tutorial	48

**Grading Basis:** 40 %

### Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Portfolio	AS2	Portfolio of Drawings	60	
Report	AS1	Specification Report	20	
Presentation	AS3	Final Project Presentation	20	

### Aims

*To apply and integrate core architectural technology skills to translate outline design ideas into a detailed, energy efficient building design.*

*To present end of year project using effective verbal, graphical and written*

*communication skills to a professional standard*

## **Learning Outcomes**

After completing the module the student should be able to:

- 1 Analyse and apply strategies to develop a detailed design scheme from an outline proposal for a building project taking into consideration appropriate technical, legal and environmental issues.
- 2 Develop an integrated set of detailed technical drawings to meet current building and health and safety regulations.
- 3 Critically appraise alternative material and component choices with due regard to aesthetic, technical, environmental, financial issues.
- 4 Create a written technical specification to a profession standard.
- 5 Prepare 2 and 3D detailed architectural drawings for the building project.
- 6 Evaluate potential for reducing risks, by application of the principles of inherently safer design and produce design risk assessment.
- 7 Manage and organise an end of year presentation of the building project using appropriate verbal, graphical and written communication.

## **Learning Outcomes of Assessments**

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

PORTFOLIO OF DRAWINGS	1	2	3	5
SPECIFICATION REPORT	4	6		
FINAL PROJECT PRESENTATION	7			

## **Outline Syllabus**

*It is intended that this will be generally a self directed module whereby the student develops the individual architectural design prepared in the Advanced Architectural Design Projects module to a detailed design stage and presents at the end of the academic year.*

*3D modelling and production of drawings using Revit.*

*Design development*

*Design Risk assessment*

*Environmental Impact*

*Environmental Modelling*

*The process of architectural detailing and annotation , compliance with CDM regulations , risk assessment and hazard identification*

*Building Performance*

*Product selection and evaluation, product selectors, green specification*

*Proprietary systems , use of the National Building Specification for specification writing*

*Component Scheduling*  
*Cost planning at various stages of the design*  
*Maintenance information*  
*Construction Methods and methodology*

## **Learning Activities**

Lectures, studio work, CAD tutorials, design reviews.

## **Notes**

This module applies and integrates core architectural technology skills to develop an outline proposal to detailed design stage. The students will present their end of year project using effective and appropriate verbal, graphical and written communication skills. It is intended that the outline designs produced by students in the Advanced Architectural Technology Projects Module will be the vehicle for this module.