

Liverpool John Moores University

Title: COLLABORATIVE INTERDISCIPLINARY PROJECT 3
Status: Definitive
Code: **6201BEUG** (122341)
Version Start Date: 01-08-2021

Owning School/Faculty: Civil Engineering and Built Environment
Teaching School/Faculty: Civil Engineering and Built Environment

Team	Leader
Michael Farragher	Y

Academic Level: FHEQ6 **Credit Value:** 10 **Total Delivered Hours:** 30

Total Learning Hours: 100 **Private Study:** 70

Delivery Options

Course typically offered: Semester 2

Component	Contact Hours
Lecture	5
Workshop	25

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Portfolio	AS1	PORTFOLIO	100	

Aims

This module aims to bring together different professions as represented by Level 6 students on Built Environment programmes and to work collaboratively on a large scale development project. BIM (Building Information Modelling) techniques will be utilised within the project. It highlights the interdisciplinary nature of the construction and property industry using softwares to support the decision making process in a sustainable environment.

Learning Outcomes

After completing the module the student should be able to:

- 1 Critically analyse and apply built environment principles and techniques to a complex construction project.
- 2 Contribute to the presentation of proposals in report format and using visuals.
- 3 Reflect upon their learning, performance and or achievement and to plan for their personal, educational and career development linked to the relevant PSRB requirements.

Learning Outcomes of Assessments

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

Simulated Project	1	2	3
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Outline Syllabus

This module will facilitate the learning process by enabling students to apply the theory gained at all levels into practice. Within the module itself the following areas will be considered and applied to the project: BIM software technologies, negotiation skills, sustainable design, cost, programme and legal considerations.

Learning Activities

Lectures, workshops, group work and presentations

The central theme of the module is the production of a suitable work derived project and it is supported by the other modules within the final year of the programme.

Group work is a key theme of the module; the intention being to simulate the experience of the work place and work place activity, endorsed and approved by the involvement of employers and stakeholders as relevant to the workplace generally.

Group presentations will be given to a panel comprising of academic staff and representatives from industry after which formative feedback will be provided.

Notes

The central theme of the module is stakeholder collaboration and the production of industry standard project documentation for a large scale development project.

Collaborative work is a key theme of the module; the intention being to simulate the experience of the work place and work place activity, endorsed and approved by the involvement of employers and stakeholders as relevant to the workplace generally.