

## Liverpool John Moores University

Title: COLLABORATIVE INTERDISCIPLINARY PROJECT 2  
Status: Definitive  
Code: **5604BESG** (124838)  
Version Start Date: 01-08-2021

Owning School/Faculty: Civil Engineering and Built Environment  
Teaching School/Faculty: Trent Global College of Technology and Management

Team	Leader
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**Academic Level:** FHEQ5      **Credit Value:** 10      **Total Delivered Hours:** 30

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

### Delivery Options

Course typically offered: S1 & S2 & Summer

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 5 students from the built environment disciplines and to enable them to work collaboratively on a BIM (Building Information Modelling) project. It highlights the*

*interdisciplinary nature of the construction and property roles using industry standard software to support the decision making process in a sustainable environment.*

## **Learning Outcomes**

After completing the module the student should be able to:

- 1 Apply negotiating skills in a collaborative environment.
- 2 Apply built environment principles and techniques to a complex construction project by utilising appropriate architectural, engineering and construction software to facilitate the decision making process.
- 3 Reflect upon their developmental learning, performance and or achievement and to plan for their personal, educational and career development.

## **Learning Outcomes of Assessments**

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

PORTFOLIO	1	2	3
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## **Outline Syllabus**

*This module will facilitate the learning process by enabling students to apply previously gained knowledge and theory in a practical context, working collaboratively using a 3D model on a BIM enabled project in order to negotiate decisions in relation to specific tasks. 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

## **Notes**

The central theme of the module is the production of a suitable work derived project based on industry standard collaboration and application of industry software and it is supported by other modules within the second year programme.

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.