

Collaborative Interdisciplinary Project 2

Module Information

2022.02, Approved

Summary Information

Module Code	5204BEUG
Formal Module Title	Collaborative Interdisciplinary Project 2
Owning School	Civil Engineering and Built Environment
Career	Undergraduate
Credits	10
Academic level	FHEQ Level 5
Grading Schema	40

Teaching Responsibility

LJMU Schools involved in Delivery
Civil Engineering and Built Environment

Learning Methods

Learning Method Type	Hours
Lecture	5
Workshop	25

Module Offering(s)

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

Aims and Outcomes

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.
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After completing the module the student should be able to:

Learning Outcomes

Code	Number	Description
MLO1	1	Apply negotiating skills in a collaborative environment.
MLO2	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.
MLO3	3	Reflect upon their developmental learning, performance and or achievement and to plan for their personal, educational and career development.

Module Content

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.
Module Overview	This module aims to bring together different professions from the built environment disciplines and enables you 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.
Additional Information	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.

Assessments

Assignment Category	Assessment Name	Weight	Exam/Test Length (hours)	Module Learning Outcome Mapping
Portfolio	Portfolio	100	0	MLO1, MLO3, MLO2

Module Contacts

Module Leader

Contact Name	Applies to all offerings	Offerings
Sian Dunne	Yes	N/A

Partner Module Team

Contact Name	Applies to all offerings	Offerings
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