

## Module Information

2022.01, Approved

### Summary Information

Module Code	6322BEUG
Formal Module Title	Strategic Construction Project Management
Owning School	Civil Engineering and Built Environment
Career	Undergraduate
Credits	20
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	11
Online	11
Workshop	17

### Module Offering(s)

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

### Aims and Outcomes

Aims	To enable students to work on realistic projects that enables the integration and development of a range of professional skills considering aspects of refurbishment and contractual arrangements.
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**After completing the module the student should be able to:**

### Learning Outcomes

Code	Number	Description
MLO1	1	Critically evaluate alternative technological solutions with regard to problems recognised at the early stages of a project.
MLO2	2	Critically appraise procurement processes and contractual situations within a given project scenario.
MLO3	3	Apply construction management and technology solutions to a refurbishment project.
MLO4	4	Produce a range of project documentation to a professional standard.

### Module Content

Outline Syllabus	Key issues and challenges - dealing with waste, dealing with asbestos, health and safety in refurbishment work, programming the works, controlling costs, dealing with unknowns, contractual issues, preconstruction issues such as survey/laser scanning, demolition and the design process. (Focus depends on the project used each year)Procurement processesConstruction contract including application and implications on a construction projectSustainable developmentTechnologies linked to the project each year, focusing on aspects of refurbishment/retro-fitting and renewables and sustainable technologies linked to net zero carbon targets.Design implications of technologies on listed buildings such as secondary glazing to improve thermal properties and acoustics.
Module Overview	
Additional Information	This module allows students to work on realistic projects and consider the application of a range of professional skills including aspects of refurbishment and contractual arrangements.

### Assessments

Assignment Category	Assessment Name	Weight	Exam/Test Length (hours)	Module Learning Outcome Mapping
Report	Scenario Based	60	0	MLO1, MLO2, MLO3, MLO4
Report	Based around Case Study	40	0	MLO1, MLO2, MLO3, MLO4

### Module Contacts

#### Module Leader

Contact Name	Applies to all offerings	Offerings
Yog Upadhyay	Yes	N/A

#### Partner Module Team

Contact Name	Applies to all offerings	Offerings
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