Liverpool John Moores University

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Title:	STRATEGIC CONSTRUCTION PROJECT MANAGEMENT
Status:	Definitive
Code:	**6219BEUG** (122867)
Version Start Date:	01-08-2021
Owning School/Faculty:	Civil Engineering and Built Environment
Teaching School/Faculty:	Civil Engineering and Built Environment

Team	Leader
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Academic Level:	FHEQ6	**Credit Value:**	20	**Total Delivered Hours:**	40
Total Learning Hours:	200	**Private Study:**	160		

Delivery Options
Course typically offered: Runs Twice - S1 & S2

Component	Contact Hours
Lecture	14
Seminar	6
Workshop	20

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Portfolio	AS1	Based on a Real Project	60	
Report	AS2	Contractual Aspects linked to the Project	40	

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.

Learning Outcomes

After completing the module the student should be able to:

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

Learning Outcomes of Assessments

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

Scenario Based	1	2	3	4
Based around Case Study	1	2	3	4

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.
Procurement processes
Construction contract including application and implications on a construction project
Sustainable development
Technologies – thermal insulation upgrading and retrofitting. Over- cladding and over-roofing. Energy efficient glazing. Exploiting thermal mass. Structural repairs to concrete, timber and masonry. Underpinning.
Design implications of technologies on listed buildings such as secondary glazing to improve thermal properties and acoustics.

Learning Activities

Lectures, Workshops, Case Studies, Industry Speakers, discussion through seminars

Notes

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.