

# Construction Refurbishment Design

## Module Information

2022.01, Approved

### Summary Information

Module Code	4539NCCG
Formal Module Title	Construction Refurbishment Design
Owning School	Civil Engineering and Built Environment
Career	Undergraduate
Credits	20
Academic level	FHEQ Level 4
Grading Schema	40

### Teaching Responsibility

LJMU Schools involved in Delivery
LJMU Partner Taught

### Partner Teaching Institution

Institution Name
Nelson and Colne College Group

### Learning Methods

Learning Method Type	Hours
Lecture	48

### Module Offering(s)

Display Name	Location	Start Month	Duration Number Duration Unit
JAN-PAR	PAR	January	12 Weeks
SEP-PAR	PAR	September	12 Weeks

SEP_NS-PAR	PAR	September (Non-standard start date)	12 Weeks
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## Aims and Outcomes

Aims	This module will analyse concepts of refurbishment, the available options and the sustainability implications of the choices made. Students will apply knowledge from other modules to a refurbishment project. On successful completion of the module, students will be able to assess the appropriateness of a property for refurbishment and the sustainability of proposed actions.
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**After completing the module the student should be able to:**

### Learning Outcomes

Code	Number	Description
MLO1	1	Describe the need for refurbishment.
MLO2	2	Compare refurbishment options for projects.
MLO3	3	Analyse the refurbishment process.
MLO4	4	Prepare a proposal for a refurbishment project.

## Module Content

Outline Syllabus	Need for refurbishment including legislative changes, deterioration of the property, environmental needs, and other relevant factors. Different scale of refurbishment options; small, medium and large Intervention levels such as renovation, remodelling, demolition and others. Process of refurbishment from identification of need to handover and the considerations to be included such as legal considerations. Refurbishment design; analysis of drawings and survey reports, interpretation of client brief, outline schemes, budget and estimating, legislative compliance. Evaluation of refurbishment schemes Energy Performance Certificates and related software Sustainable design
Module Overview	
Additional Information	

## Assessments

Assignment Category	Assessment Name	Weight	Exam/Test Length (hours)	Module Learning Outcome Mapping
Report	Assignment	67	0	MLO1, MLO2
Presentation	Presentation	33	0	MLO3, MLO4

## Module Contacts

### Module Leader

Contact Name	Applies to all offerings	Offerings
Fiona Borthwick	Yes	N/A

**Partner Module Team**

Contact Name	Applies to all offerings	Offerings
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