

## Liverpool John Moores University

Title: CONSTRUCTION REFURBISHMENT DESIGN  
Status: Definitive  
Code: **4539NCCG** (129476)  
Version Start Date: 01-08-2021

Owning School/Faculty: Civil Engineering and Built Environment  
Teaching School/Faculty: Accrington Campus

Team	Leader
Fiona Borthwick	Y

**Academic Level:** FHEQ4  
**Credit Value:** 20  
**Total Delivered Hours:** 48  
**Total Learning Hours:** 200  
**Private Study:** 152

### Delivery Options

Course typically offered: S1, S2 and NS2 (S2 for Jan)

Component	Contact Hours
Lecture	48

**Grading Basis:** 40 %

### Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Report	Assignment	Assignment	67	
Presentation	Pres.	Presentation (15 Mins + Q&A)	33	

### 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.*

### Learning Outcomes

After completing the module the student should be able to:

- 1 Describe the need for refurbishment.
- 2 Compare refurbishment options for projects.
- 3 Analyse the refurbishment process.
- 4 Prepare a proposal for a refurbishment project.

### **Learning Outcomes of Assessments**

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

Assignment	1	2
Presentation	3	4

### **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*

### **Learning Activities**

These will not normally be traditional didactic lectures in which the student plays little active part, but will be delivered in small groups of up to 20 students in which their interaction with their tutor is a key ingredient of their learning experience.

Students will receive approximately 30 hours of taught material, supported by in-class exercises and discussions designed to help student assimilate learning and to provide early informal feedback on their progress.

#### **Independent Study**

Students are expected to undertake personal reading and research into topic areas that have been stimulated from the lectures and seminars. This reading will enhance their academic work and enable valid contribution to lectures and seminars.

#### **VLE support**

This will provide links to academic web-sites and on-line journals, facilitate group discussion outside of the classroom, access to outline lecture notes, and provide students with assessment details.

## Notes

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