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Title: CONSTRUCTION TECHNOLOGY AND REFURBISHMENT PROJECT
Status: Definitive
Code: **6510BESG** (120560)
Version Start Date: 01-08-2018

Owning School/Faculty: Built Environment
Teaching School/Faculty: Built Environment

Team	Leader
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Academic Level: FHEQ6 **Credit Value:** 24 **Total Delivered Hours:** 90

Total Learning Hours: 240 **Private Study:** 150

Delivery Options

Course typically offered: Standard Year Long

Component	Contact Hours
Lecture	12
Tutorial	18
Workshop	60

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Portfolio	AS1	Assignment one is the joint project element of the module	30	
Portfolio	AS2		70	

Aims

To enable the student to work on realistic projects that enables the integration and

development of a range of professional skills in the context of sustainable construction.

Learning Outcomes

After completing the module the student should be able to:

- 1 Produce a range of project documentation to a professional standard.
- 2 Evaluate their role as a construction professional in a group project.
- 3 Work effectively as a team member and demonstrate team working and presentation skills.
- 4 Evaluate alternative technological solutions with regard to the problems recognised in a survey or through the briefing.
- 5 Apply construction management and technology solutions to a refurbishment project.
These include health and safety, specification, sequencing of construction works, contractual issues, programming and costing.
- 6 Present an overview of the project brief to a familiar audience.

Learning Outcomes of Assessments

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

JOINT PROJECT	1	2	3
REFURBISHMENT PROJECT	4	5	6

Outline Syllabus

Note: there are 2 forms of assessment for this module. A group based joint project conducted in a 2 week block period and a group project in the context of refurbishment.

Sustainability, BREEAM, Renewable energy technologies, sustainable building design, sustainable building materials, Building Regulations, commerciality of proposals, costings, added value, project brief development, energy assessment, project management, programming

Learning Activities

Lectures, Tutorials, Joint Project, Group Presentations

Notes

This module allows the student to work as a team on 'real life' projects and to apply the knowledge they have gained throughout their studies to these projects.