Liverpool John Moores University

Title:	CONSTRUCTION TECHNOLOGY REFURBISHMENT PROJECT
Status:	Definitive
Code:	**6012BEUG** (102792)
Version Start Date:	01-08-2011
Owning School/Faculty:	Built Environment
Teaching School/Faculty:	Built Environment

Team	Leader
Laurence Brady	Y

Academic Level:	FHEQ6	**Credit Value:**	12.00	**Total Delivered Hours:**	30.00
Total Learning Hours:	120	**Private Study:**	90		

Delivery Options
Course typically offered: Standard Year Long

Component	Contact Hours
Online	20.000
Tutorial	10.000

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Presentation	AS1	Oral presentation	20.0	
Report	AS2	Coursework Report	40.0	
Test	AS3	ICA	40.0	

Aims

The module aims to provide an understanding of the integration of the skills within construction technology providing a project based example during which skills can be honed. The exact nature of the project will change with varying demands and construction trends.

Learning Outcomes

After completing the module the student should be able to:

1 Evaluate alternative technological solutions to a given construction project problem.
2 Apply construction management and technology solutions to a given refurbishment/new build project. These include health and safety, specification, sequencing of construction works, programming and costing.
3 Produce a working project document as part of a team.
4 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:

PRESENTATION	4	
REPORT	2	3
TEST	1	

Outline Syllabus

This is a project based module intended to take skills already developed in earlier years and apply them to a real world example.

The syllabus is therefore one of learning re-inforcement and transferable skills.

The areas of previously obtained knowledge and skills that could be utilised include:
Refurbishment technology and management
New build technology and management
Maintenance and life cycle costing
Facilities Management
Green specifications and Environmental Management Systems.
The Building Regulations.
Health and Safety
Construction Management Techniques including the use of appropriate software.

Learning Activities

Individual and group tutorials where required.

References

Course Material	Book
Author	Gray, C & Hughes, W

Publishing Year	2001
Title	Building Design Management
Subtitle	
Edition	1st
Publisher	Butterworth Heinemann
ISBN	0-7506-5070-2

Course Material	Book
Author	Tunstall, G
Publishing Year	2000
Title	Managing the Building Design Process
Subtitle	
Edition	1st
Publisher	Butterworth Heinemann
ISBN	0-7506-5069-9

Course Material	Book
Author	Atkin, B & Brooks, A
Publishing Year	2005
Title	Total FM
Subtitle	
Edition	1st
Publisher	Blackwell
ISBN	1-4051-2790-2

Notes

This module is a year long project module that is based around a live case study. It allows the students to specifically apply their knowledge of technology with a focus on refurbishment work.