

Liverpool John Moores University

Title: INDUSTRIAL PROJECT
Status: Definitive
Code: **5560BEFD** (118429)
Version Start Date: 01-08-2011

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

Team	Leader
Russell Bennett	Y

Academic Level: FHEQ5
Credit Value: 24.00
Total Delivered Hours: 72.00
Total Learning Hours: 240
Private Study: 168

Delivery Options

Course typically offered: Standard Year Long

Component	Contact Hours
Lecture	12.000
Online	60.000

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Report	AS2	Project documentation	65.0	
Essay	AS3	Essay - Individual Reflective Essay	15.0	
Presentation	AS1	Group Presentation	20.0	

Aims

To enable students to apply design and construction knowledge and skills to a suitable industry derived project.

To develop self-learning through personal development planning using e-portfolio software.

To engage in team work within a professional context.

Learning Outcomes

After completing the module the student should be able to:

- 1 Identify and analyse client requirements for a suitable industry derived project.
- 2 Produce and appraise alternative design and construction options to meet the client's brief.
- 3 Produce and justify a final project scheme.
- 4 Develop an individual study based on the student specialism within the project.
- 5 Work effectively in a team.
- 6 Reflect on knowledge and skill development to date, record this information and develop plans for further developments in transferable skills.
- 7 Communicate effectively in group and one to one situations, and undertake presentations.

Learning Outcomes of Assessments

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

REPORT	1	2	3	4	5
ESSAY	6				
PRESENTATION	7				

Outline Syllabus

Project development to include:

Client Briefing

Site identification and analysis

Outline Design and Scheme Design

Production of architectural drawings and construction details

Materials specification

Cost analysis

Value engineering

Preparation of costing documentation

Health and Safety Documentation

Construction management documentation: planning, programming, resource management

This module will facilitate the learning process by enabling students to put the theory gained in level 2 modules into practice. A suitable work derived project will be simulated to provide the vehicle for this purpose.

Learning Activities

A design and construction project will be set with input from industry.

Guest lectures by industry based practitioners will be built into the workshop timetable to ensure that the project outcomes are relevant and current. Some of the module work should be group work and is a key theme of the module, the intention being to simulate the experience of the workplace, endorsed and approved by the involvement of employers as relevant to the workplace. Students however should develop an individual project based on their relevant specialism. Transferable skills will be developed during the undertaking of the project and progress mapped using e-portfolio software.

References

Course Material	Book
Author	Levin, Peter
Publishing Year	2006
Title	Perfect Presentations
Subtitle	
Edition	
Publisher	OUP
ISBN	0335219055

Course Material	Book
Author	Shepherd, Kerry
Publishing Year	2005
Title	Presenting at Conferences, Seminars and Meetings
Subtitle	
Edition	
Publisher	Sage
ISBN	000722268.

Course Material	Book
Author	Emmit, S. & Gorse, C.
Publishing Year	2003
Title	Construction Communication
Subtitle	
Edition	
Publisher	Wiley-Blackwell
ISBN	1405100028.

Course Material	Book
Author	Walker, A.
Publishing Year	2007
Title	Project Management in Construction
Subtitle	
Edition	5th Edition
Publisher	Wiley-Blackwell

ISBN	1405158247
-------------	------------

Notes

Personal Development Planning will be encapsulated within this module as transferable skill development alongside subject specific skills will be developed.