

Liverpool John Moores University

Title: CONSTRUCTION MANAGEMENT PROJECT
Status: Definitive
Code: **4104BEUG** (118063)
Version Start Date: 01-08-2012

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

Team	Leader
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Academic Level: FHEQ4 **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	48.000
Practical	24.000

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Portfolio	AS1		60.0	
Test	AS2		30.0	
WoW Skills Bronze	AS3		10.0	

Aims

To encourage the student to apply the knowledge gained from the modules within the first level of study to a suitable work derived project.

To learn construction drawing through the use of a suitable computer aided drawing package.

To develop self-learning through personal development planning and e-portfolio

programmes.

To introduce students to a wide range of graduate skills.

Learning Outcomes

After completing the module the student should be able to:

- 1 Practically apply construction principles and techniques to a suitable work derived project.
- 2 Show proficiency in personal development planning and e-portfolio programmes
- 3 Analyse and solve problems.
- 4 Work effectively in a group.
- 5 Communicate orally effectively
- 6 Express ideas effectively using appropriate written forms.
- 7 Produce construction drawings using Autocad.
- 8 Utilise ICT effectively in the context of a given project.
- 9 To identify and reflect upon the following aspects of personal development: strengths and weaknesses, motivations and values, ability to work with others.

Learning Outcomes of Assessments

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

Group Report & Presentation	1	2	3	4	5	6	8
In class CAD assessment	7						
WoW Skills Bronze	9						

Outline Syllabus

This module will facilitate the learning process by enabling students to put the theory gained in first year modules into practice. A suitable work derived project will be simulated to provide the vehicle for this purpose. Within the module itself the following areas will be considered and applied to the project:

Communication skills, both written and verbal.

Team working and interpersonal skills.

Personal development planning.

Initiative.

Information literacy and IT skills.

Computer Aided Drawing will be taught and applied to the project. This will include:- Access CAD Software, creating & loading drawings, saving drawings to an appropriate folder/directory. Setting up system preferences, drawing scales, drawing sheet size, borders, title block. Use of view, zoom and pan commands, plotting and help system.

Use of design and construction technology issues related to suitable structures through the evaluation of example production drawings and relevant regulation.

Production of site plans, floor plans, elevations and detail drawings. Use of format, draw, tools and modify commands. Use of layers, linetype and weight, lock, freeze

*and thaw. Creating and editing text and dimensions.
Introduction to 3D design including views, UCS, extrude and draw solids commands.*

Learning Activities

The module is based around campus based work-related learning (CBWRL). The central theme of the module is the production of a suitable work derived project and it is supported by the other modules within the first year programme. Group work is a key theme of the module; the intention being to simulate the experience of the work place and work place activity, endorsed and approved by the involvement of employers and stakeholders as relevant to the workplace generally. Key skills are developed through lectures, seminars, individual and group presentations and the use of e-portfolio to facilitate personal development planning.

References

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

Course Material	Book
Author	Yarwood, A
Publishing Year	2006
Title	'Introduction to AutoCAD 2007'
Subtitle	
Edition	
Publisher	Elsevier
ISBN	

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	Ellis, R

Publishing Year	1999
Title	'Constructive Communication :Skills for the Building Industry'
Subtitle	
Edition	
Publisher	Arnold
ISBN	0340720077

Notes

This module develops the learning process at level 1 by developing CAD skills and integrating the knowledge gained from modules and applying them to a work related learning project. It is intended to simulate the experience and discipline of the world of work and to provide opportunities for students to develop and practice work-related skills.