

Liverpool John Moores University

Title: CONSTRUCTION GROUP PROJECT
Status: Definitive
Code: **4202BEHN** (119869)
Version Start Date: 01-08-2018

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

Team	Leader
Wilfred Matipa	Y
John McLoughlin	
Alan Jones	
Chris Byrne	

Academic Level: FHEQ4 **Credit Value:** 20 **Total Delivered Hours:** 72
Total Learning Hours: 200 **Private Study:** 128

Delivery Options

Course typically offered: Standard Year Long

Component	Contact Hours
Lecture	24
Practical	24
Tutorial	24

Grading Basis: BTEC

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Portfolio	AS1	Portfolio	60	
Practice	AS2	Surveying Project	30	
Self Awareness Statement	AS3	WoW Bronze	10	

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. Surveying and Computer Aided Design skills will also be developed around a construction project context. Graduate skills, personal development and the use of e-portfolios are introduced.

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 Produce construction drawings using Computer Aided Design packages.
- 3 Carry out practical exercises using surveying equipment.
- 4 Produce calculations and technical information from the use of the surveying equipment.
- 5 Work effectively in a group.
- 6 Identify and reflect upon the following aspects of personal development: strengths and weaknesses, motivations and values, ability to work with others including the use of e-portfolio tools.

Learning Outcomes of Assessments

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

Portfolio of work	1	2	5
Surveying	3	4	
Evidence based	6		

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. All aspects of producing technical drawings, saving and printing these drawings will be covered.

Principles of surveying covering horizontal and vertical control as well as the practical use of levels and total stations.

Learning Activities

Workshops, IT practicals in a computer laboratory, surveying practicals using equipment, fieldwork and presentations.

Notes

This module applies the knowledge gained in the other modules on the programme along with applied skills in surveying and CAD in the context of a construction project. It also contains all of the Graduate Skills and World of Work elements for WoW Bronze.