

## Liverpool John Moores University

Title: GROUP PROJECT  
Status: Definitive  
Code: **5000BEHN** (102300)  
Version Start Date: 01-08-2016

Owning School/Faculty: Civil Engineering  
Teaching School/Faculty: Civil Engineering

Team	Leader
Clare Harris	Y

**Academic Level:** FHEQ5  
**Credit Value:** 12  
**Total Delivered Hours:** 36  
**Total Learning Hours:** 120  
**Private Study:** 84

### Delivery Options

Course typically offered: Standard Year Long

Component	Contact Hours
Lecture	24
Tutorial	12

**Grading Basis:** BTEC

### Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Portfolio	AS1	Drawings, specification and brief	20	
Portfolio	AS2	Feasibility Study	15	
Portfolio	AS3	Contract programme and cashflow	20	
Portfolio	AS4	Model	20	
Portfolio	AS5	Presentation and group work	10	
Portfolio	AS6	Mapping of key skills exercise	15	

### Aims

*To apply the skills and knowledge developed in other modules within a major piece of work that reflects the performance expected of construction technologists.*

*To bring together small groups of students so that they can co-ordinate their individual skills and abilities.*

*To develop the ability to work individually and with others within given constraints.*

*To produce an acceptable and viable solution to the brief.*

*To encourage students to reflect on their level of competency regarding employability skills, and identify opportunities for developing these skills.*

## **Learning Outcomes**

After completing the module the student should be able to:

- 1 Specification and Procedure- describe a list of technical and non technical specifications to be met and allocate responsibilities within a team. Identify project constraints.
- 2 Formulate an initial solution and appraise its feasibility including environmental impact analysis.
- 3 Implementation- describe an agreed solution and provide evidence on decision making process. Provide evidence of how the project developed with drawings, records of meetings etc..
- 4 Evaluate Outcomes- describe how the final solution meets the set criteria. Produce project documentation and present the final solution.
- 5 Map their employability skill competence to date and identify opportunities for further development.

## **Learning Outcomes of Assessments**

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

Drawings, Specification, Brief	1	4
Feasibility Study	3	4
Contract programme & Cashflow Model	2	4
Presentation and Group Work	4	
Mapping Key Skills Exercise	5	

## **Outline Syllabus**

*The student groups will be expected to produce the following:*

- 1. Project brief, complete set of drawings and finishes schedule.*
- 2. Feasibility studies*
- 3. Programme of works and cash flow diagram.*
- 4. Model of the project.*
- 5. Evidence of project development.*

## **Learning Activities**

Students should, ideally, operate in groups of three or four, allocating responsibilities within the group and meeting at intervals to evaluate progress. The role of the lecturer is, therefore, of a counselling rather than a directing nature once the initial brief for the project has been clarified.

Part of the module should be devoted to presentation of findings, both at intermediate and final stages, so that all groups are provided with an insight to the thinking of others. Students will be expected to access and evaluate a variety of data in undertaking the project and lecturers should ensure, through liaison with data sources such as libraries, that this is possible.

Common skills that apply are:

- Managing and Developing Self
- Working with and Relating to Others
- Communicating
- Managing Tasks and Solving Problems
- Applying Numeracy
- Applying Technology
- Applying Design and Creativity

It is essential that individual student performance should be capable of assessment even though they are working in teams.

The allocations of responsibility within the group should help in this regard and the project brief should make it clear. Part of the assessment will need to measure the effectiveness of communicating and working with others within the group.

Weekly meetings between groups and staff will ensure that all members of the group are having the same input into the project, and penalties will be applied if this is not the case.

## **Notes**

The relationship between assessment and learning outcomes is interchangeable and flexible in certain areas.

Students will use e-portfolio to reflect on the acquisition of employability skills to date and identify opportunities for improving these skills.