

## Liverpool John Moores University

Title: GROUP PROJECT FOR QUANTITY SURVEYORS (GPQ)  
Status: Definitive  
Code: **5505ICBTQS** (126956)  
Version Start Date: 01-08-2021

Owning School/Faculty: Civil Engineering and Built Environment  
Teaching School/Faculty: ICBT, Colombo

Team	Leader
Alison Cotgrave	Y

**Academic Level:** FHEQ5      **Credit Value:** 15      **Total Delivered Hours:** 75

**Total Learning Hours:** 150      **Private Study:** 75

### Delivery Options

Course typically offered: S2 and Non Std S2 (S2 for Jan)

Component	Contact Hours
Lecture	45
Off Site	15
Practical	15

**Grading Basis:** 40 %

### Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Presentation	AS1	Presentation with class evaluation	10	
Report	AS2	Assessment (2000 Words)	40	
Practice	AS3	3D model preparation and presentation (Max: 7 members in each team, 30 minutes)	50	

### Aims

*Aim(s) of the module is to demonstrate an understanding about practical situations & applications in construction projects, to apply various concepts, theories & principles of construction, engineering & quantity surveying practice to complex applications*

*and assess the necessity of effective team communication & coordination skills among & team working for the success of a construction project.*

## **Learning Outcomes**

After completing the module the student should be able to:

- 1 Identify and assess duties & responsibilities of various construction professionals as per RIBA plan of work – 2013.
- 2 Analyse & produce project related documentation to develop an effective project.
- 3 Present & justify the related documentation through communication and production information.
- 4 Apply the client's brief and relevant concepts, theories & principles of construction to produce an engineering design and a model.

## **Learning Outcomes of Assessments**

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

Presentation	1	
Coursework	2	3
3D model and Presentation	4	

## **Outline Syllabus**

*RIBA work plan 2013 & stages*

*Understand the management of the flow of goods and services in various stages of a project*

*Various construction professional in the industry & their roles in various stages & sub stages of a construction project*

*Team working: Conceptual & regulatory backgrounds*

*Understand role of constructor's team members*

*Effective communication with the client team*

*Understand role of client's team members*

*Understand client brief*

*Pre-contract documentation*

*Obtaining approvals*

*Presentation of project proposal*

*Design/ Simulate a prototype of an engineering design*

## **Learning Activities**

Students will be supported in their learning, to achieve the above learning outcomes, in the following ways:

By a series of lectures and practical approach to apply various concepts, theories & principles of construction, engineering & quantity surveying practice to produce an

engineering design as a team who represent the constructor of a project to meet client's objectives.

Self-managed studies to understand various stages of construction of building & civil engineering structures in practice assess duties & responsibilities of various construction professionals involve in the construction industry in different phases of building & civil engineering sectors in practice & requirement of teamwork for the success of a project.

Group work activities (in class & off class) workshops to produce & present pre contract documentation, project proposal and & prototype of an engineering structure.

A recommended resource list - indicating key reading, virtual and physical learning assistance, is provided to help enable students to undertake self-directed study.

## **Notes**

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