

Liverpool John Moores University

Title: GROUP CONSTRUCTION PROJECT
Status: Definitive
Code: **5540NCCG** (129478)
Version Start Date: 01-08-2021

Owning School/Faculty: Civil Engineering and Built Environment
Teaching School/Faculty: Accrington Campus

| Team | Leader |
|-----------------|--------|
| Fiona Borthwick | Y |

Academic Level: FHEQ5
Credit Value: 20
Total Delivered Hours: 48
Total Learning Hours: 200
Private Study: 152

Delivery Options

Course typically offered: S1, S2 and NS2 (S2 for Jan)

| Component | Contact Hours |
|-----------|---------------|
| Lecture | 48 |

Grading Basis: 40 %

Assessment Details

| Category | Short Description | Description | Weighting (%) | Exam Duration |
|----------|-------------------|------------------------|---------------|---------------|
| Report | Log | Evaluative Project Log | 40 | |
| Report | Report | Report | 60 | |

| Competency | NCC Group Pass/Fail |
|------------|---------------------|
|------------|---------------------|

Aims

Students will explore how to assign roles within a team through recognition of skills of each member of the group. Through research, they will develop a construction project. Focus within this module will be on collaborative work, human resource management, project management, the tender and procurement process, health and safety and project costing.

Learning Outcomes

After completing the module the student should be able to:

- 1 Analyse individual and group skills to allocate roles within the team.
- 2 Plan and conduct a construction project.
- 3 Prepare tender documentation.
- 4 Evaluate own work and peer review your team.

Learning Outcomes of Assessments

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

| | | | |
|------------------------|---|---|---|
| Evaluative Project Log | 2 | | |
| Report | 1 | 3 | 4 |
| NCC Group Pass/Fail | | 3 | |

Outline Syllabus

Skills auditing using appropriate methods.

Project planning; task definition, setting aims, risk management and communications planning

Resource management; human resources, physical resources, supply chain and waste management.

Project scheduling

Construction drawings

Specifications

Schedules of work

Cost plan

Health and Safety legislation

Reflective practice

Project lifecycle

Review

Sustainability issues

Indicative content

Learning Activities

These will not normally be traditional didactic lectures in which the student plays little active part, but will be delivered in small groups of up to 20 students in which their interaction with their tutor is a key ingredient of their learning experience.

Students will receive approximately 30 hours of taught material, supported by in-class exercises and discussions designed to help student assimilate learning and to provide early informal feedback on their progress.

Independent Study

Students are expected to undertake personal reading and research into topic areas

that have been stimulated from the lectures and seminars. This reading will enhance their academic work and enable valid contribution to lectures and seminars.

VLE support

This will provide links to academic web-sites and on-line journals, facilitate group discussion outside of the classroom, access to outline lecture notes, and provide students with assessment details.

Notes

-