

Liverpool John Moores University

Title: CONSTRUCTION MANAGEMENT 2
Status: Definitive
Code: **5610BECC** (128153)
Version Start Date: 01-08-2021

Owning School/Faculty: Civil Engineering and Built Environment
Teaching School/Faculty: Coleg Cambria

Team	Leader
Sian Dunne	Y

Academic Level: FHEQ5
Credit Value: 20
Total Delivered Hours: 56
Total Learning Hours: 200
Private Study: 144

Delivery Options

Course typically offered: Standard Year Long

Component	Contact Hours
Lecture	27
Practical	10
Workshop	19

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Report	AS1	2500 word report	50	
Portfolio	AS2	Scenario-based portfolio (2500 words)	50	

Aims

To explore theories and practices relating to project management, and to provide knowledge and/or information to the solution of familiar and unfamiliar problems.

Learning Outcomes

After completing the module the student should be able to:

- 1 Compare project management theories, practices and standards; and their appropriateness for different types of projects
- 2 Describe and analyse the structure of successful construction management organisations and the procedures used for the effective management of risk
- 3 Discuss the key stages of the construction site process and demonstrate how human resource/people management methods affect the construction process.
- 4 Analyse a construction site and its local environment to produce site layout plans and temporary works details for the various pre-construction paperwork needed for a given project, which covers key policies, procedures and priorities.
- 5 Determine the duration and sequence of construction activities and create a construction programme using industry-standard software for a given project

Learning Outcomes of Assessments

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

2500 word report	1	2	3
Scenario-based portfolio	3	4	5

Outline Syllabus

- *Definition of a project and project management*
- *Lewin's change management theory and its application in construction*
- *Site manager responsibilities*
- *History of construction management and project management.*
- *The evolution of key theorist management techniques*
- *Professional recognition and standards*
- *Project management techniques*
- *Resource management*
- *Mobilisation*
- *Master programmes and Gantt charts*
- *Critical path analysis and methods*
- *Identification of slack time*
- *Risk management and risk register*
- *Arrangements for planning and managing the construction work*
- *Health and Safety file*
- *Project roles*
- *Site set-up*
- *Safety risks*
- *Construction phase paperwork and checklists*
- *Project management software*

Learning Activities

This module will utilise blended learning which will combine e-learning with more traditional teaching strategies. In addition, students will be encouraged to monitor their own learning on this module. Workshops and online learning materials will be used to provide an overview of each topic.

The lectures will be delivered by the module team and on occasion, guest speakers from different relevant professional backgrounds with particular expertise in aspects of the curriculum.

Workshops will be used as a space for students to explore and discuss issues in small groups and for tutors to identify individual learning needs of students.

Notes

This module will enable learners to gain an understanding of the techniques used managing housing developments including planning and scheduling