

Liverpool John Moores University

Title: CONSTRUCTION MANAGEMENT 1
Status: Definitive
Code: **4611BECC** (128149)
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: FHEQ4 **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
Tutorial	10
Workshop	19

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Report	AS1	Report 2500 words	50	
Presentation	AS2	15 min Presentation (closed door)	50	

Aims

Aim(s) of the module is to provide an understanding about various functions of site management and production control and to demonstrate an understanding of effective communication and coordination at the site level.

Learning Outcomes

After completing the module the student should be able to:

- 1 Describe the construction industry with reference to company structures and stakeholders.
- 2 Review the roles and responsibilities of the construction professionals at pre-tender, pre-contract and contract stages of the project.
- 3 Identify fundamentals of effective site management and production control within the construction environment.
- 4 Articulate a coherent strategy for planning resources on construction sites.

Learning Outcomes of Assessments

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

Report	1	2
Presentation	3	4

Outline Syllabus

- Introduction to site management procedures: Management of Resources
- Supply Chain
- External and Internal factors influences on-site management
- Effective communication and coordination at the site level (client, subcontractors)
- Resource management: Physical and Human
- Risk management process: Risk identification, assessment, control, monitor and review
- The application of theory to practice
- The construction business environment
- Operational management of organisations
- Management performance systems
- Strategic management
- Key performance indicators
- Managing staff
- Construction projects
- Budgets
- Timescales

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 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 focus on the roles and responsibilities of the construction professionals, including effective site management and production control.