

Construction Management 2

Module Information

2022.01, Approved

Summary Information

Module Code	5610BECC
Formal Module Title	Construction Management 2
Owning School	Civil Engineering and Built Environment
Career	Undergraduate
Credits	20
Academic level	FHEQ Level 5
Grading Schema	40

Teaching Responsibility

LJMU Schools involved in Delivery
LJMU Partner Taught

Partner Teaching Institution

Institution Name
Coleg Cambria

Learning Methods

Learning Method Type	Hours
Lecture	27
Practical	10
Workshop	19

Module Offering(s)

Display Name	Location	Start Month	Duration Number Duration Unit
SEP-PAR	PAR	September	28 Weeks

Aims and Outcomes

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.
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After completing the module the student should be able to:

Learning Outcomes

Code	Number	Description
MLO1	1	Compare project management theories, practices and standards; and their appropriateness for different types of projects
MLO2	2	Describe and analyse the structure of successful construction management organisations and the procedures used for the effective management of risk
MLO3	3	Discuss the key stages of the construction site process and demonstrate how human resource/people management methods affect the construction process.
MLO4	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.
MLO5	5	Determine the duration and sequence of construction activities and create a construction programme using industry-standard software for a given project

Module Content

Outline Syllabus	<ul style="list-style-type: none"> • 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
Module Overview	
Additional Information	This module will enable learners to gain an understanding of the techniques used managing housing developments including planning and scheduling

Assessments

Assignment Category	Assessment Name	Weight	Exam/Test Length (hours)	Module Learning Outcome Mapping
Essay	2500 word report	50	0	MLO1, MLO2, MLO3
Portfolio	Scenario-based portfolio	50	0	MLO3, MLO4, MLO5

Module Contacts

Module Leader

Contact Name	Applies to all offerings	Offerings
Sian Dunne	Yes	N/A

Partner Module Team

Contact Name	Applies to all offerings	Offerings
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