

### Summary Information

Module Code	5211BEUG
Formal Module Title	Construction Project Management
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
Civil Engineering and Built Environment

### Learning Methods

Learning Method Type	Hours
Lecture	20
Workshop	30

### Module Offering(s)

Display Name	Location	Start Month	Duration Number Duration Unit
JAN-CTY	CTY	January	12 Weeks

### Aims and Outcomes

Aims	To introduce students to concepts, procedures and techniques used in the planning and control of construction projects.
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**After completing the module the student should be able to:**

## Learning Outcomes

Code	Number	Description
MLO1	1	Apply the principles of site planning to a construction project.
MLO2	2	Apply planning and programming techniques to construction projects.
MLO3	3	Apply project control techniques to construction projects.
MLO4	4	Use appropriate construction project management relevant software.

## Module Content

Outline Syllabus	Pre-tender planning, pre-contract planning and contract planning Site layout planning and risk assessments Key Performance Indicators Time planning and programming: Network Analysis and Precedence Diagrams Contract budgets and cash flow Quality management Project control techniques: S curve, Earned Value Analysis and Cost Value Reconciliation Application of appropriate construction project management software.
Module Overview	This module introduces you to concepts, procedures and techniques used in the planning and control of construction projects. You will learn to apply the principles of site planning to a construction project and use appropriate construction project management relevant software.
Additional Information	This module develops students' knowledge in relation to basic principles and techniques used in project planning and control. In this module, the knowledge learning outcomes are K3, K4, K15 and the skills learning outcomes are S2 and S11.

## Assessments

Assignment Category	Assessment Name	Weight	Exam/Test Length (hours)	Module Learning Outcome Mapping
Report	CASE STUDY REPORT	50	0	MLO1, MLO4
Centralised Exam	Examination	50	2	MLO2, MLO3

## Module Contacts

### Module Leader

Contact Name	Applies to all offerings	Offerings
Amr Sourani	Yes	N/A

### Partner Module Team

Contact Name	Applies to all offerings	Offerings
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