

### Summary Information

Module Code	5511BEKL
Formal Module Title	Project Planning and Control
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
International College IMPERIA

### Learning Methods

Learning Method Type	Hours
Lecture	17

### Module Offering(s)

Display Name	Location	Start Month	Duration Number Duration Unit
JAN-PAR	PAR	January	12 Weeks
JAN_NS-PAR	PAR	January (Non-standard start date)	12 Weeks

## Aims and Outcomes

Aims	To introduce and implement concepts, procedures and techniques used in the planning and control of commercial aspects 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 planning and programming concepts and techniques to construction projects.
MLO2	2	Calculate critical path of construction works, and allocate resources accordingly.
MLO3	3	Calculate cash flow projections for a given construction project scenario.
MLO4	4	Apply project control techniques such as earned value analysis.

## 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	
Additional Information	This module develops students' knowledge in relation to basic principles and techniques used in project planning and control.

## Assessments

Assignment Category	Assessment Name	Weight	Exam/Test Length (hours)	Module Learning Outcome Mapping
Report	AS1	50	0	MLO1, MLO2
Exam	AS2	50	2	MLO1, MLO2, MLO3, MLO4

## 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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