

### Summary Information

Module Code	6210BEUG
Formal Module Title	Project Economics and Management
Owning School	Civil Engineering and Built Environment
Career	Undergraduate
Credits	20
Academic level	FHEQ Level 6
Grading Schema	40

### Teaching Responsibility

LJMU Schools involved in Delivery
Civil Engineering and Built Environment

### Learning Methods

Learning Method Type	Hours
Lecture	10
Workshop	20

### Module Offering(s)

Display Name	Location	Start Month	Duration Number Duration Unit
SEP-CTY	CTY	September	12 Weeks

### Aims and Outcomes

Aims	The aim of the module is to introduce project economics and management techniques used in client based pre-contract design management systems and contractor based post contract cost management systems in construction.
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**After completing the module the student should be able to:**

**Learning Outcomes**

Code	Number	Description
MLO1	1	Develop knowledge and understanding of the impact of economic factors on the management of construction organisations.
MLO2	2	Critically review systems theories and techniques and identify how they can apply to the analysis of a broad range of construction management problems.
MLO3	3	Evaluate the approaches adopted by client representatives to design cost management during project lifespan.
MLO4	4	Critically appraise methods adopted by contractors in project financial control.
MLO5	5	Explain the latest developments in research, in the fields of construction economics and management.
MLO6	6	Evaluate the use of IT and appropriate software packages in relation to project economics and management.

**Module Content**

Outline Syllabus	<ul style="list-style-type: none"> <li>• Commercial and economic context within which construction projects are delivered</li> <li>• Systems theory and practice, formation of construction organisations and stakeholder management</li> <li>• Client based whole life value management in construction projects</li> <li>• Pre contract risk management in mega projects</li> <li>• Accounting policies as applied to project based organisations</li> <li>• Post contract cost reporting</li> <li>• Integrating project information systems with building information management.</li> </ul>
Module Overview	This module introduces you to project economics and management techniques used in client based pre-contract design management systems and contractor based post contract cost management systems in construction.
Additional Information	This module develops student's ability to develop strategies for construction project economics and financial management. In this module, the knowledge learning outcomes are K6, K15 and the skills learning outcomes are S11.

**Assessments**

Assignment Category	Assessment Name	Weight	Exam/Test Length (hours)	Module Learning Outcome Mapping
Report	Report	50	0	MLO1, MLO2, MLO3, MLO4, MLO5, MLO6
Centralised Exam	Examination	50	2	MLO1, MLO2, MLO3, MLO4, MLO5

**Module Contacts**

**Module Leader**

Contact Name	Applies to all offerings	Offerings

Femi Olubodun	Yes	N/A
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**Partner Module Team**

Contact Name	Applies to all offerings	Offerings
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