

Summary Information

Module Code	6504ICBTQS
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

Module Contacts

Module Leader

Contact Name	Applies to all offerings	Offerings
Mohan Siriwardena	Yes	N/A

Module Team Member

Contact Name	Applies to all offerings	Offerings
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Partner Module Team

Contact Name	Applies to all offerings	Offerings
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Teaching Responsibility

LJMU Schools involved in Delivery
LJMU Partner Taught

Partner Teaching Institution

Institution Name
International College of Business and Technology

Learning Methods

Learning Method Type	Hours
Lecture	10
Workshop	20

Module Offering(s)

Offering Code	Location	Start Month	Duration
APR-PAR	PAR	April	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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Learning Outcomes

After completing the module the student should be able to:

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

Module Content

Outline Syllabus

• Commercial and economic context within which construction projects are delivered• Systems theory and practice, formation of construction organisations and stakeholder management. • Client based whole life value management in construction projects. • Pre contract risk management in mega projects. • Accounting policies as applied to project based organisations. • Post contract cost reporting. • Integrating project information systems with building information management.

Module Overview

Additional Information

This module develops student's ability to develop strategies for construction project economics and financial management.

Assessments

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