

Summary Information

Module Code	7531ICBTQS
Formal Module Title	Sustainable Procurement
Owning School	Civil Engineering and Built Environment
Career	Postgraduate Taught
Credits	20
Academic level	FHEQ Level 7
Grading Schema	50

Module Contacts**Module Leader**

Contact Name	Applies to all offerings	Offerings
Amr Sourani	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	11
Workshop	22

Module Offering(s)

Offering Code	Location	Start Month	Duration
MAY-PAR	PAR	May	12 Weeks
SEP-PAR	PAR	September	12 Weeks

Aims and Outcomes

Aims	To examine existing procurement options and their effectiveness in meeting the client's requirements. To examine sustainable construction and the development of procurement strategies which address sustainable construction principles.
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Learning Outcomes

After completing the module the student should be able to:

Code	Description
MLO1	Analyse procurement options for building and engineering works and examine the allocation of risk within these options
MLO2	Critically evaluate potential procurement options for given business and project objectives.
MLO3	Analyse the construction supply chain and evaluate the roles of the parties and their contractual relationships under traditional and non-traditional variants, during the procurement process.
MLO4	Critically review the concepts and the applications of sustainable development and sustainable construction and their integration within the procurement process
MLO5	Critically review and analyse the barriers, the enablers and the drivers of sustainable procurement

Module Content

Outline Syllabus

Traditional Procurement, Design and Build, Management Contracting, PFI, Prime Contracting, Partnering and Framework Agreements; integrated project insurance and two stage open book; contract types including lump sum, unit rate, target cost and cost reimbursable contracts; tendering procurement decision making. Supply chain management; risk management and allocation of design, construction, finance risks between the client and the contractor within the different procurement options; stakeholders analysis; value management; quality management. Definitions and applications of sustainability; sustainable construction, social, economic and environmental dimensions of sustainable construction/sustainable procurement; integration of sustainable construction within procurement strategies; enablers and barriers of sustainable construction procurement

Module Overview

Additional Information

The module develops the students' ability to provide advice for construction clients and contractors in relation to both procurement and sustainability issues at the organisation and the project levels.

Assessments

Assignment Category	Assessment Name	Weight	Exam/Test Length (hours)	Learning Outcome Mapping
Report	WRITTEN ASSIGNMENT	50	0	MLO5, MLO4
Exam	Examination	50	3	MLO5, MLO3, MLO2, MLO1, MLO4