

Summary Information

Module Code	7427BEPG
Formal Module Title	Building Technology and Management
Owning School	Civil Engineering and Built Environment
Career	Postgraduate Taught
Credits	10
Academic level	FHEQ Level 7
Grading Schema	50

Teaching Responsibility

LJMU Schools involved in Delivery
Civil Engineering and Built Environment

Learning Methods

Learning Method Type	Hours
Lecture	11
Workshop	11

Module Offering(s)

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

Aims and Outcomes

Aims	To understand and evaluate the principles and techniques utilised in the construction of buildings. To understand and evaluate the effective management and maintenance of commercial property holdings.
------	--

After completing the module the student should be able to:

Learning Outcomes

Code	Number	Description
MLO1	1	Critically explain construction forms of both domestic and commercial buildings.
MLO2	2	Critically evaluate principles and application of sustainable, low carbon technologies and methods of construction.
MLO3	3	Evaluate the management and maintenance of building facilities in order to optimise organisational performance.

Module Content

Outline Syllabus	Construction forms for domestic and commercial buildings. Building Regulations and Approved Documents Health and safety in construction Sustainable and low carbon construction principles & technologies Modern methods of construction Building materials and building performance Managing property holdings / property portfolio Asset management strategies Maintenance management and strategies
Module Overview	This module will enable you to understand and evaluate the principles and techniques used in the construction of buildings. It will also help you to appraise and analyse the complexities of managing buildings from an asset management perspective. You will come to appreciate the complexity of building construction and technology and the importance of managing and maintaining Real Estate assets to optimise organisational and commercial performance.
Additional Information	The module develops the students' ability to appreciate the complexity of building construction and technology and the importance of managing and maintaining real estate assets in order to optimize organisational and commercial performance.

Assessments

Assignment Category	Assessment Name	Weight	Exam/Test Length (hours)	Module Learning Outcome Mapping
Report	Report	100	0	MLO1, MLO2, MLO3

Module Contacts

Module Leader

Contact Name	Applies to all offerings	Offerings
Christaline Wijekoon	Yes	N/A

Partner Module Team

Contact Name	Applies to all offerings	Offerings
--------------	--------------------------	-----------