

Measurement II

Module Information

2022.01, Approved

Summary Information

Module Code	5347BEUG
Formal Module Title	Measurement II
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
Civil Engineering and Built Environment

Learning Methods

Learning Method Type	Hours
Online	11
Workshop	33

Module Offering(s)

Display Name	Location	Start Month	Duration Number Duration Unit
JAN-CTY	CTY	January	12 Weeks

Aims and Outcomes

Aims	To refine and extend abilities in the measurement and quantification of complex buildings and to demonstrate knowledge, understanding and implement construction contract administrative procedures.
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After completing the module the student should be able to:

Learning Outcomes

Code	Number	Description
MLO1	1	Apply the rules of the standard rules of measurement for building works to prepare documentation for complex construction works.
MLO2	2	Apply skills in quantification of construction works, estimating and pricing.
MLO3	3	Evaluate and use Information Technology and appropriate software packages in the preparation of project documentation.
MLO4	4	Implement construction contract administration procedures.

Module Content

Outline Syllabus	The measurement and quantification of complex building works. Building will be considered in relation to complex foundations, frames and external walls. Using software to produce and price Bills of Quantities. Contract administration procedures: dayworks; PC and Provisional sums; variations and change control procedures; interim valuations and retention; claims; final account; insolvency.
Module Overview	
Additional Information	The student will be able to apply the principles of measurement, quantification and construction contract administration procedures. On the Quantity Surveying Degree Apprenticeship programme, the knowledge learning outcomes for this module are K13, K14, K15, S4, S9, and S10.

Assessments

Assignment Category	Assessment Name	Weight	Exam/Test Length (hours)	Module Learning Outcome Mapping
Centralised Exam	MEASUREMENT TECHNOLOGY	50	0	MLO1, MLO2, MLO3
Portfolio	MEASUREMENT REPORT	50	0	MLO1, MLO2, MLO3, MLO4

Module Contacts

Module Leader

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

Partner Module Team

Contact Name	Applies to all offerings	Offerings
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