

## Module Information

2022.01, Approved

### Summary Information

Module Code	5542BEKL
Formal Module Title	Advanced Measurement and Contract Administration
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
LJMU Partner Taught

### Partner Teaching Institution

Institution Name
International College IMPERIA

### Learning Methods

Learning Method Type	Hours
Lecture	14
Workshop	56

### Module Offering(s)

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

## Aims and Outcomes

Aims	To refine and extend abilities in the measurement and quantification of complex buildings. To also demonstrate knowledge, understanding and implement construction contract administrative procedures.
------	--

**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 the use of quantitative instruments, including standard method and rules of measurement, pricing books.
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.

## Assessments

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

## Module Contacts

### Module Leader

Contact Name	Applies to all offerings	Offerings
Thomas Dowd	Yes	N/A

### Partner Module Team

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