

Liverpool John Moores University

Title: MEASUREMENT AND COSTING STUDIES 3
Status: Definitive
Code: **6515BEKL** (119121)
Version Start Date: 01-08-2019

Owning School/Faculty: Built Environment
Teaching School/Faculty: Imperia Institute of Technology

Team	Leader
Dianne Marsh	
James Hartwell	

Academic Level: FHEQ6
Credit Value: 24
Total Delivered Hours: 87
Total Learning Hours: 240
Private Study: 153

Delivery Options

Course typically offered: Non Standard Year Long

Component	Contact Hours
Lecture	28
Tutorial	28
Workshop	28

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Report	AS1	Report 1	30	
Report	AS2	Report 2	30	
Exam	AS3	Examination	40	3

Aims

To refine and extend abilities in the measurement and quantification of more complex construction work and building services.

To allow for the measurement and calculation of construction claims and the use of more specialised construction software.

Learning Outcomes

After completing the module the student should be able to:

- 1 Appraise and apply the rules of the standard method of measurement to prepare project documentation for building service installations related to complex construction projects.
- 2 Evaluate client objectives with regard to project design, environmental and performance results.
- 3 Evaluate procedures and processes in relation to construction claims.
- 4 Evaluate the use of Information Technology and appropriate software packages in the preparation of cost advice throughout the project life cycle.

Learning Outcomes of Assessments

The assessment item list is assessed via the learning outcomes listed:

REPORT 1	1	2	
REPORT 2	3	4	
EXAMINATION	1	2	3

Outline Syllabus

*The development of tender documentation for building services.
Estimating and pricing work in relation to building services.
Calculation of construction claims consideration given to the measurement and costing of heads of claims in relation to current construction contracts.
Use of appropriate software in pre and post contract activities.
Development of contract practice skills in relation to pre and post contract management.*

Learning Activities

Lectures and workshops

Notes

This module provides a mechanism for students to extend and develop abilities in the quantification in relation to building services and to develop problem solving skills in relation to construction claims.