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Title: MEASUREMENT AND COSTING STUDIES 3  
Status: Definitive  
Code: **6515BESG** (120569)  
Version Start Date: 01-08-2018  
  
Owning School/Faculty: Built Environment  
Teaching School/Faculty: Built Environment

Team	Leader
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**Academic Level:** FHEQ6      **Credit Value:** 24      **Total Delivered Hours:** 72  
**Total Learning Hours:** 240      **Private Study:** 168

### Delivery Options

Course typically offered: Standard Year Long

Component	Contact Hours
Lecture	24
Workshop	48

**Grading Basis:** 40 %

### Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Report	AS1		25	
Report	AS2		25	
Test	AS3		50	

### 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 related to complex construction projects including building service installations
- 2 Evaluate emerging practices of the Quantity Surveyor in relation to design, environmental and performance considerations.
- 3 Evaluate procedures and processes in relation to construction claims
- 4 Appraise the use of Information Technology to support the Role of The Quantity surveyor throughout the project life cycle

## **Learning Outcomes of Assessments**

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

REPORT 1	1	
REPORT 2	3	
In class time controlled test	2	4

## **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.