

Module Outline	Part 1- as validated
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1.	Title	Quantity Surveying Practice
2.	Level *	5
3.	Credits	20
4.	Indicative Student Study Hours	36
5.	Core (must take and pass), Compulsory (must take) or Optional	Compulsory

** Foundation Level=3 Degree Year 1 = 4 Degree Year 2 = 5 Degree Year 3 = 6*

PG (Masters) = 7

5. Brief Description of Module (purpose, principal aims and objectives)
The module is designed to introduce the learner to the measurement of construction work in accordance with recognised industry standards and practice.

6. Learning Outcomes - On successful completion of this module a student will be able to:	
<i>(Add more lines if required)</i>	
	Subject Specific Learning Outcomes
1.	Examine measurement techniques and their application.
2.	Select and apply appropriate processes in order to determine construction quantities.
3.	Construct bills of quantities of measured works.
4.	Appraise the application of information technology in contemporary measurement practice.
	Generic Learning Outcomes
1.	Take responsibility for own learning and development using reflection and evaluation
2.	Work with ideas and concepts by evaluating information from a range of perspectives

7. Assessment

Pass on aggregate or Pass all components <i>(modules can only be pass all components if this is a PSRB requirement)</i>	Pass on aggregate
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Summary of Assessment Plan

	Type	% Weighting	Anonymous Yes / No	Word Count/ Exam Length	Learning Outcomes Coverage	Comments
1.	Presentation	30%	Yes	N/A	LO 1,2,	
2.	Case Study	70%	Yes	N/A	LO 3,4	

Further Details of Assessment Proposals
 Give brief explanation of each assessment activity listed

Presentation
 Observations and physical examples of the technology available for measurement practice. This should include contemporary examples as well as comparisons against previous processes. This should also consider how the types of technology affect the work of the QS.

Case Study
 Prepare a full measured Take-Off and from this produce an abstract of the measured quantities and a final Bill of Quantities, including appropriate preamble and preliminary clauses. This should all be to Tender Level quality.

8. Summary of Pre and / or Co Requisite Requirements
 Law and Economics

9. For use on following programmes
 BSc (Honours) Construction Management (Architectural Technology)
 BSc (Honours) Construction Management (Quantity Surveying)
 BSc (Honours) Construction Management (Site Management)

Module Specification **Part 2- to be reviewed annually**

1.	Module Leader	Brenda Rich
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2. Indicative Content
<ul style="list-style-type: none"> • Describe the different uses of measurement in the design, tendering and construction stages of a project. • Identify and utilise appropriately standard rules and procedures for the measurement of construction work. • Take off measurements and quantities for simple construction work: foundations and substructure, masonry built superstructure, flat and pitched roof construction and coverings, internal and external finishes, internal components such as floors, windows and doors and external drainage. • Process and produce a simple bill of quantities including the production of appropriate preliminary and preamble clauses. • Application of information technology in contemporary measurement practice.

3. Delivery Method <i>(please tick appropriate box)</i>					
Classroom Based	Supported Open Learning	Distance Learning	E-Learning	Work Based Learning	Other (specify)
Yes					
<i>If the Delivery Method is Classroom Based please complete the following table:</i>					
	Activity (lecture, seminar, tutorial, workshop)	Activity Duration - Hrs	Comments	Learning Outcomes	
1	Lectures	36		LO1-4	
2					
	Total Hours	36			
<i>If delivery method is not classroom based state lecturer hours to support delivery</i>					

4. Learning Resources
<i>To include contextualised Reading List.</i>
<p>Highly Recommended</p> <p>Ashworth, A. and Hogg, K. (2005) Willis's Practice and Procedure for the Quantity Surveyor 11th Edit. Blackwell Science</p> <p>Cartlidge, D. (2017) Quantity Surveyor's Pocket Book, 3rd Edition. Oxford: Routledge</p> <p>Cartlidge, D. (2017), New Aspects of Quantity Surveying Practice: 4th Edition. Routledge</p>

Lee, S. and Trench, W. (2014) Willis's Elements of Quantity Surveying 12th Edition. Wiley-Blackwell

Recommended

Ashworth, A. and Perera, S. (2015) Cost studies of Buildings: 6th Revised Edition. Routledge

Packer, A.D. (2016) Building Measurement: New Rules of Measurement. Routledge

Seeley, I. and Winfield, R. (1999) Building Quantities Explained 5th Edition Basingstoke: Palgrave Macmillan

Other useful texts, websites or resources

SMM7 The Standard Method of Measurement of Building Works Revised Edition (1998), RICS

NRM 1 - Order of Cost Estimating and Cost Planning for Capital Building Works (2015) RICS

NRM 3: order of cost estimating and cost planning for building maintenance works (2015) RICS