

Module Title:	Measurement, Valuation and Reporting
Language of Instruction:	English
Credits:	10
NFQ Level:	8
Module Delivered In	1 programme(s)
Teaching & Learning Strategies:	Lectures, Private study, Group & individual project work
Module Aim:	The aims of the subject are: (1) prepare common documents used in the tendering process (2) measure advanced building works in accordance with various Standard Methods of Measurement
Learning Outcomes	
<i>On successful completion of this module the learner should be able to:</i>	
LO1	prepare tender documents for a construction project
LO2	measurement of buildings and structures to agreed standards under various methods of measurement
LO3	value work in progress and on completion
LO4	evaluate and cost management of contractors and subcontractors
Pre-requisite learning	
Module Recommendations <i>This is prior learning (or a practical skill) that is recommended before enrolment in this module.</i>	
No recommendations listed	
Incompatible Modules <i>These are modules which have learning outcomes that are too similar to the learning outcomes of this module.</i>	
No incompatible modules listed	
Co-requisite Modules	
No Co-requisite modules listed	
Requirements <i>This is prior learning (or a practical skill) that is mandatory before enrolment in this module is allowed.</i>	
No requirements listed	

Module Content & Assessment

Indicative Content

(1) Preparation Of Tender Documentation For Main And Sub- Contract Works

(a) Issuing tender documents, including e tendering (b) Drafting of preliminaries and preambles clauses (c) Specification writing (d) Selecting appropriate forms of contract and sub-contract (e) Examination and comparison of different methods of measurement (ARM, NRM, CESMM)

(2) Advanced Measurement Of Construction Work

(a) Complex structural elements (b) Complex completion elements (c) Spot items, and temporary work (d) Piling works (e) Structural steel (f) Stair structure and finishes (g) External works and siteworks

(3) Project Cost Management

(a) Interim valuations for payment (b) Contractor/Sub-contractor evaluation and management (c) Cash-flow preparation (d) Cost / Value Reconciliation (e) Cost to completion

Assessment Breakdown	%
Continuous Assessment	60.00%
End of Module Formal Examination	40.00%

Continuous Assessment

Assessment Type	Assessment Description	Outcome addressed	% of total	Assessment Date
Project	No Description	1,2	60.00	Ongoing

No Project

No Practical

End of Module Formal Examination

Assessment Type	Assessment Description	Outcome addressed	% of total	Assessment Date
Formal Exam	No Description	2,3,4	40.00	End-of-Semester

SETU Carlow Campus reserves the right to alter the nature and timings of assessment

Module Workload

Workload: Full Time		
<i>Workload Type</i>	<i>Frequency</i>	<i>Average Weekly Learner Workload</i>
Lecture	12 Weeks per Stage	8.00
Project	12 Weeks per Stage	5.83
Estimated Learner Hours	12 Weeks per Stage	10.00
Total Hours		286.00

Module Delivered In

Programme Code	Programme	Semester	Delivery
CW_CMQSU_B	Bachelor of Science (Honours) in Quantity Surveying	7	Mandatory