

Module Title:	Measurement and Estimating
Language of Instruction:	English
Credits:	5
NFQ Level:	6
Module Delivered In	3 programme(s)
Teaching & Learning Strategies:	Lectures Projects Private study
Module Aim:	The aims of the subject are: (1) to develop a knowledge and understanding of measurement procedures (2) to teach measurement and estimating skills
Learning Outcomes	
<i>On successful completion of this module the learner should be able to:</i>	
LO1	to describe measurement procedures
LO2	to accurately measure simple building structural elements in accordance with current Agreed Rules of Measurement
LO3	develop the techniques used to prepare bills of quantities
LO4	to estimate costs of simple building work.
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) Measurement (a) Measurement Skills and systems (b) Setting out dimensions (c) drafting descriptions (d) relationship between drawings, specification and bill of quantities (e) structure and content (measured items)
(2) Estimating (a) Plant costing (b) Cost of labour, (c) Preparation of unit rates

Assessment Breakdown	%
Continuous Assessment	50.00%
Project	50.00%

Continuous Assessment				
Assessment Type	Assessment Description	Outcome addressed	% of total	Assessment Date
Other	Class Test, Project, Presentation	1,2,4	50.00	n/a

Project				
Assessment Type	Assessment Description	Outcome addressed	% of total	Assessment Date
Project	No Description	1,2,3,4	50.00	n/a

No Practical

No End of Module Formal Examination

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	4.00
Estimated Learner Hours	12 Weeks per Stage	6.42
Total Hours		125.00

Module Delivered In

Programme Code	Programme	Semester	Delivery
CW_CM OPT_B	Bachelor of Science (Honours) in Construction Management	3	Mandatory
CW_CM QSU_B	Bachelor of Science (Honours) in Quantity Surveying	3	Mandatory
CW_CMBSE_D	Bachelor of Science in Construction Management	3	Mandatory