

<b>Module Title:</b>	Measurement & Estimating
<b>Language of Instruction:</b>	English
<b>Credits:</b>	10
<b>NFQ Level:</b>	6
<b>Module Delivered In</b>	<a href="#">1 programme(s)</a>
<b>Teaching &amp; Learning Strategies:</b>	Lectures Projects Private study
<b>Module Aim:</b>	The aims of the subject are: (1) to develop a knowledge of measurement, tendering and post contract procedures (2) to teach measurement and estimating skills
<b>Learning Outcomes</b>	
<i>On successful completion of this module the learner should be able to:</i>	
LO1	to describe measurement, tendering and post contract procedures
LO2	to measure and estimate costs of simple building work.
LO3	to describe and demonstrate an understanding of the knowledge of valuation of 'as constructed' work and variations in accordance with the Conditions of Contract.
<b>Pre-requisite learning</b>	
<b>Module Recommendations</b>	
<i>This is prior learning (or a practical skill) that is recommended before enrolment in this module.</i>	
No recommendations listed	
<b>Incompatible Modules</b>	
<i>These are modules which have learning outcomes that are too similar to the learning outcomes of this module.</i>	
No incompatible modules listed	
<b>Co-requisite Modules</b>	
No Co-requisite modules listed	
<b>Requirements</b>	
<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 of building work (30 hours lectures, 30 hours practicals)**

(a) Measurement of simple building structure using current Standard Method of Measurement.

**(2) Tendering and estimating (15 hours lectures, 15 hours practicals)**

(a) Role of Tender and Contract Documents (b) Plant costing (c) Cost of labour, (d) Preparation of unit rates

**(3) Post contract valuation of work (30 hours lectures)**

(a) Preparation of valuations (b) Valuation of variations (c) Prime Cost Sums and Provisional Sums (d) Final Accounts (e) Use of general purpose software for these processes

<b>Assessment Breakdown</b>	<b>%</b>
Continuous Assessment	20.00%
Project	20.00%
End of Module Formal Examination	60.00%

**Continuous Assessment**

<i>Assessment Type</i>	<i>Assessment Description</i>	<i>Outcome addressed</i>	<i>% of total</i>	<i>Assessment Date</i>
Other	No Description	1,2,3	20.00	n/a

**Project**

<i>Assessment Type</i>	<i>Assessment Description</i>	<i>Outcome addressed</i>	<i>% of total</i>	<i>Assessment Date</i>
Project	No Description	1,2	20.00	Sem 1 End

No Practical

**End of Module Formal Examination**

<i>Assessment Type</i>	<i>Assessment Description</i>	<i>Outcome addressed</i>	<i>% of total</i>	<i>Assessment Date</i>
Formal Exam	No Description	1,2,3	60.00	End-of-Semester

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

**Module Workload**

<b>Workload: Full Time</b>		
<i>Workload Type</i>	<i>Frequency</i>	<i>Average Weekly Learner Workload</i>
Lecture	30 Weeks per Stage	4.00
Estimated Learner Hours	30 Weeks per Stage	4.00
Total Hours		240.00

**Module Delivered In**

Programme Code	Programme	Semester	Delivery
CW_CMBSE_D	<a href="#">Bachelor of Science in Construction Management with Buildings Services</a>	3	Mandatory