

## MODULE DESCRIPTOR

### Module Title

Contractors' Estimating

Reference	SU3100	Version	2
Created	July 2021	SCQF Level	SCQF 9
Approved	October 2020	SCQF Points	15
Amended	September 2021	ECTS Points	7.5

### Aims of Module

To provide the student with the necessary skills and knowledge to competently perform contractors estimating in a built environment context.

### Learning Outcomes for Module

On completion of this module, students are expected to be able to:

- 1 Critically assess and analyse methods in estimating and tendering process from initial enquiry to tender submission.
- 2 Assess, evaluate and apply the techniques used by contractors in the estimating process to determine the cost implications of construction operations.

### Indicative Module Content

To provide the student with a working knowledge of the methods and techniques adopted in the construction industry for financial forecasting and control. The objectives are to give the student an insight into the techniques used by contractors for estimating and financial control by encouraging the discovery of links in the data chain by the use of spreadsheet based exercises. The student will be expected to apply knowledge of collaborative working within an assessment.

### Module Delivery

This module is delivered by lectures, workshops, practical exercises and directed reading.

### Indicative Student Workload

	Full Time	Part Time
Contact Hours	36	N/A
Non-Contact Hours	114	N/A
Placement/Work-Based Learning Experience [Notional] Hours	N/A	N/A
TOTAL	150	N/A
<i>Actual Placement hours for professional, statutory or regulatory body</i>		

**ASSESSMENT PLAN**

If a major/minor model is used and box is ticked, % weightings below are indicative only.

**Component 1**

Type: Coursework Weighting: 100% Outcomes Assessed: 1, 2

Description: A project based coursework focused on pricing a tender BOQ by applying various estimating technique used by contractors with an element of collaborative working.

**MODULE PERFORMANCE DESCRIPTOR****Explanatory Text**

The overall module grade is based on 100% weighting of Component 1 (Coursework). An overall minimum grade D is required to pass the module. Non-submission will result in an NS grade.

Module Grade	Minimum Requirements to achieve Module Grade:
A	A
B	B
C	C
D	D
E	E
F	F
NS	Non-submission of work by published deadline or non-attendance for examination

**Module Requirements**

Prerequisites for Module None, in addition to SCQF9 entry requirements.

Corequisites for module None.

Precluded Modules None.

**ADDITIONAL NOTES**

This is the second of three value and cost studies modules which progressively introduce students to the subject. This second module focuses upon the cost of building works. Where appropriate, team working will be encouraged.

**INDICATIVE BIBLIOGRAPHY**

- 1 Andrew Wostenholme; Never Waste a Good Crisis; Constructing Excellence(October 2009).
- 2 Brook, Martin; Estimating and tendering for Construction Work, 3rd edn. Elsevier - Butterworth Heinemann.
- 3 CIOB; Code of Estimating Practice. Blackwell Publishing; 7 Rev Ed edition (Nov 2008).
- 4 Greenhalgh, B, 2013, Introduction to Estimating for Construction, Routledge