



Module Specification

Qs Practice and Procedures

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Contents

Module Specification	1
Part 1: Information	2
Part 2: Description	2
Part 3: Teaching and learning methods	4
Part 4: Assessment	5
Part 5: Contributes towards	7

Part 1: Information

Module title: Qs Practice and Procedures

Module code: UBLMVT-30-1

Level: Level 4

For implementation from: 2021-22

UWE credit rating: 30

ECTS credit rating: 15

Faculty: Faculty of Environment & Technology

Department: FET Dept of Architecture & Built Environ

Partner institutions: None

Delivery locations: Frenchay Campus

Field: Architecture and the Built Environment

Module type: Standard

Pre-requisites: None

Excluded combinations: None

Co-requisites: None

Continuing professional development: No

Professional, statutory or regulatory body requirements: None

Part 2: Description

Overview: Not applicable

Features: Not applicable

Educational aims: This module has been developed to provide a distinctive core to level one of the Quantity Surveying and Commercial Management award and to characterise the distinctive identify of the course.

This module seeks to provide students with an understanding of the roles of the quantity surveying , initial skill in the fundamental techniques which underpin the techniques of quantification of construction work, that is, the mensuration, definition and quantification of items of construction work using the RICS New rules of measurement for the purposes of early-stage estimates of cost and preparation of contract documentation.

Outline syllabus: Developing your Knowledge of the QS Profession:

The Construction Industry, Types of clients and Client Requirement and Client Team

The Roles of the QS

Types of Procurement Route

Design Economics

Client Budget

Sources of Cost Data

Types of Pre-Construction Estimating Methods

Introduction to Construction Tender - Tendering Process and Documentation

Introduction to RICS New Rules of Measurement (NRM)

Introduction to Measurements of Construction Building Works - Setting Down Dimensions and Preliminary Calculations

General Principles of Taking-off

Developing your Skills as a QS:

Pre-Construction Estimating Techniques

Standard Measurement Techniques used for Taking off Quantities for Variety of Elements of a Simple Buildings

Part 3: Teaching and learning methods

Teaching and learning methods: For the first semester of the module the lecture will be delivered by a series of lectures and tutorials to develop an understanding of the quantity surveying role and disciplinary specific knowledge and skills. In the second semester of the module, lectures will concentrate on quantification techniques. Materials in the form of lecture PowerPoint slides and class exercises will be made available on Blackboard.

As a level one module, the coursework has been designed as part of the programme's 'intensification project'; this supports the development of the basic key measurement skills that will be applied throughout the rest of the module.

Blackboard materials, such as the use of assignments, tests and wikis have been designed to encourage autonomous learning, allowing the students to clearly identify areas of strengths and weaknesses in their understanding. This activity will also be supported by reflective activities.

Formative exercises will be carried out in class to promote a 'dialogue' between tutor and student, supported by clear forward thinking feedback to support the student's action plan

Module Learning outcomes:

MO1 Demonstrate the presentation and qualification techniques used by quantity surveyors by producing simple cost estimates.

MO2 Forecast the costs of buildings using approximate estimating techniques

MO3 Demonstrate an awareness of the main factors that affect design economics over the whole life of a building by simulating a client cost advice report.

MO4 Discuss key sources of cost data used in producing pre-construction estimate.

MO5 Undertake simple, practical examples of taking-off quantities of construction work items at appropriate level of detail.

Hours to be allocated: 300

Contact hours:

Independent study/self-guided study = 228 hours

Face-to-face learning = 72 hours

Total = 300

Reading list: The reading list for this module can be accessed at readinglists.uwe.ac.uk via the following link

Part 4: Assessment

Assessment strategy: The assessment strategy for this module can be described in 3 parts:

Part 1: The first coursework is designed to reinforce students' understanding of the QS role based on the first few weeks of lectures

Part 2: The second coursework is designed to introduce the students to the role of the QS, by introducing professional databases. Producing a simple report providing early stage cost advice results in students strongly relating to their wider profession. Students will be required to produce an early stage estimate.

Part 3: The examination assesses the materials delivered in the second half of teaching term 2. The indicative completion time is 3 hours.

Resit Strategy: The pattern of resit components and elements reflects those in the First Sit (Component A Examination: Component B Essay and Report).

Assessment components:

Examination (Online) - Component A (First Sit)

Description: Online Exam

Weighting: 50 %

Final assessment: Yes

Group work: No

Learning outcomes tested: MO2

Written Assignment - Component B (First Sit)

Description: Essay (1000 words)

Weighting: 10 %

Final assessment: No

Group work: No

Learning outcomes tested: MO1

Report - Component B (First Sit)

Description: Taking-off substructures in accordance with the NRM2 using R2 paper

Weighting: 40 %

Final assessment: No

Group work: No

Learning outcomes tested: MO3, MO4, MO5

Examination (Online) - Component A (Resit)

Description: Online Exam

Weighting: 50 %

Final assessment: Yes

Group work: No

Learning outcomes tested:

Written Assignment - Component B (Resit)

Description: Essay (1000 words)

Weighting: 10 %

Final assessment: No

Group work: No

Learning outcomes tested:

Report - Component B (Resit)

Description: Report (6 pages)

Weighting: 40 %

Final assessment: No

Group work: No

Learning outcomes tested:

Part 5: Contributes towards

This module contributes towards the following programmes of study:

Quantity Surveying and Commercial Management [Sep][SW][Frenchay][4yrs] BSc (Hons) 2021-22

Quantity Surveying and Commercial Management [Sep][FT][Frenchay][3yrs] BSc (Hons) 2021-22

Quantity Surveying and Commercial Management [Sep][PT][Frenchay][5yrs] BSc (Hons) 2020-21

Quantity Surveying and Commercial Management {Foundation}[Sep][SW][Frenchay][5yrs] BSc (Hons) 2020-21

Quantity Surveying and Commercial Management {Foundation} [Sep][FT][Frenchay][4yrs] BSc (Hons) 2020-21

Quantity Surveying and Commercial Management {Apprenticeship-UWE} [Sep][FT][Frenchay][5yrs] BSc (Hons) 2020-21