



UNIVERSITY COLLEGE
OF ESTATE MANAGEMENT

Professional Quantity Surveying Practice

Module Descriptor

Module Code: QSP6QSP

Version: 4.00

Status: Final

Date: 18/03/2021

Summary Module Details

Module details

Module Title: Professional Quantity Surveying Practice

Module Leader: Michelle Eze

Module Mode: Supported online learning

Semester: Spring (UK)

Level: 6

Credits: 20

Learning Hours: 200

Contact & Study Hours:

Directed Study Time: 90 hrs (45%)

Self-Directed Study Time: 50 hrs (25%)

Assessment Study Time: 60 hrs (30%)

Assessment Type:

Coursework: 100%

Computer Marked Assessment: 0%

Self-directed Research Project: 0%

Portfolio: 0%

Module Summary

This module explores a range of issues and challenges within the quantity surveying profession in the UK and other parts of the world.

The significant changes experienced in the construction industry globally over the past decade have required quantity surveyors to adapt their traditional practices and embrace new philosophies, in order to contribute effectively to construction projects.

This module therefore provides the student with an opportunity to develop the knowledge, understanding and skills required to operate in a dynamic and contemporary construction environment.

Taken on which Programmes

BSc (Hons) Quantity Surveying (C)

Core (C) or Elective (E)

Module Aims

This module aims to:

- Provide knowledge and understanding, in order to enable the student to solve complex problems in quantity surveying practice, and the management of cost in a dynamic industry;
- Develop understanding and the ability to critically evaluate the underlying concepts and theoretical principles in the procurement of construction projects; and
- Cultivate intellectual curiosity in the subject matter, consistent with this level of study.

Module Learning Outcomes

- LO1. Examine the key aspects of professional quantity surveying practice, including contemporary developments, the relationship with project stakeholders, professional and business ethics, and client care.
- LO2. Analyse the procurement of construction projects, and the management of processes and procedures.
- LO3. Critically analyse complex issues and recommend appropriate solutions in relation to construction procurement and supply chain management.
- LO4. Evaluate techniques involved in pre- and post-contract risk management and financial management.

Indicative Module Content

Module topics

- **The development of QS profession**
Review of the evolving role including the importance of sustainability and international awareness.
- **Management and organisation of QS practice**
Recognising the cultural and international differences and critically evaluating partnerships and limited companies, including the principles and need for professional indemnity insurance.
- **Marketing professional services: Professional ethics and client care**
Understanding the role of the QS in the context of both the construction industry and the quantity surveying profession and the relationship between marketing, professional ethics and the role of the professional institutions.
Recognising the effect of culture on ethical principles the application of this in the international construction industries.
- **Digital technologies and the Quantity Surveyor**
Provision of an introduction and understanding as to current and emerging trends that influence and impact on QS practice internationally such as BIM, modelling and the 'internet of things'.

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- **Principles and governance of strategic procurement**

Analysis of the components of a strategic procurement process, its governance and explanation of their importance in the process as a whole in the context of the latest developments in construction procurement and issues surrounding collaborative working.

- **Governance for Procurement and Finance**

Reviewing the role that private money plays in the provision of public services and appreciation of the difference between revenue and capital expenditure and its impact on service provision together with an understanding of PFI.

- **The briefing process**

Environmental sustainability considerations including an understanding of the project implementation process in detail and the importance of sustainability awareness.

- **Partnering, supply chain and relationship management**

The role of relationship management with regards to the supply chain and the use of the customer relationship management system (CRM) in the context of the various stakeholders in a construction project. The management of sustainability solutions including the appreciation of collaborative working and the relevance of using collateral warranties

- **Benchmarking**

A critical evaluation of the use of NRM1 to create benchmark data for cost planning and the relationship between 'soft landings' and sustainability.

- **Value management and Risk management**

Consideration of the stages in the life cycle of a project at which value management approaches are utilised and the long-term benefits to the stakeholders are evaluated.

An analysis and appraisal of the scientific management aspects of decision - making in risk analysis and risk management as applied to the overall construction development process.

This content will be reviewed and updated regularly to reflect the legal, moral and financial changes in professional standards and practice.

Overview of Summative Assessment

Module learning outcomes	Assessment	Word count or equivalent	Weighting
LO1, LO2	Assessment 1 Coursework	2,000	40%
LO1, LO2, LO3, LO4	Assessment 2 Coursework	3,000	60%

Module Pass Mark (as a weighted average of all assessments): 40%

Key Module Learning Resources

Core Sources and Texts

The core reading resources within each module will be provided via the specific Virtual Learning Environment (VLE) module pages and within the e-Library. Additional reference material and supplementary resources to support your studies are available through the UCEM e-Library.

Module tools

Students will have access to study materials, dedicated academic support, student forums, and learning activities via an online learning platform (VLE).

The module page on the VLE is broken down into structured study weeks to help students plan their time, with each week containing a mixture of reading, case studies, videos/recordings and interactive activities to go through. Online webinars/seminars led by the Module Leader can be attended in real time and provide opportunities to consolidate knowledge, ask questions, discuss topics and work through learning activities together. These sessions are recorded to support students who cannot attend and to enable students to recap the session and work through it at their own pace. Module forums on the VLE provide further opportunities to discuss topics with other students, complete collaborative work and get extra help from the module team.

Professional online resources

The e-Library provides access to trusted, quality online resources, selected by subject specialists, to support students' study. This includes journals, industry publications, magazines, academic books and a dissertation/work-based library. For a list of the key industry specific and education resources available please visit [the VLE e-Library](#).

Other relevant resources

Access is also provided to further information sources that include the British Library and Open University UK catalogues, as well as providing a monthly current awareness service entitled, **Knowledge Foundations** - a compendium of news, research and resources relating to the educational sector and the Built Environment.

The module resource list is available on the module website and is updated regularly to ensure materials are relevant and current.