

# Certificate in Quantity Surveying Practice

Duration: **6 Months Distance Learning Programme**

Language: **English**

CPD: **48 hours**

RICS Member: **£915+ VAT**

Non RICS Member **£1,099 + VAT**

## Course Summary

As a quantity surveyor, you will be concerned with the costs and financial management of the building life-cycle. In this interactive program, you will receive technical training around the key principles of tendering, estimating and pricing, as well as a greater grasp of construction contracts and their financial provisions.

This course is made up of the following technical units covering the practices and principles of quantity surveying.

Introduction to the Quantity Surveying in Practice course

Module 1: Construction technology and environmental services for domestic and more complex buildings

Module 2: Procurement and tendering

Module 3: Design economics, cost planning and commercial management of construction

Module 4: Quantification and costing of construction works

Module 5: Construction law and standard forms of contract

Module 6: Project financial control and reporting

## Course Contents

### Introduction to the Quantity Surveying in Practice course

- Introduction to quantity surveying and the core competencies of quantity surveying
- Outline of the course structure

### Module 1: Construction technology and environmental services for domestic and more complex buildings

- Alternative elemental options and sustainability
- Construction technology for domestic buildings and more complex buildings
- Environmental services for domestic buildings and more complex buildings

### Module 2: Procurement and tendering

- Procurement and tendering procedures
- Tender documentation
- Partnering and collaborative systems

### **Module 3: Design economics, cost planning and commercial management of construction**

- Design factors that influence the elemental costs of buildings
- Pre and post cost planning and control of the building process
- Whole life cycle costing and building information modelling

### **Module 4: Quantification and costing of construction works**

- Measurement of building works and tender documentation
- Evaluation of construction costs
- Current alternative forms of quantification

### **Module 5: Construction law and standard forms of contract**

- Standard forms of contract
- Contractual procedures for payments and final agreement
- Contractual procedures for administrative issues

### **Module 6: Project financial control and reporting**

- Cash flow procedures
- Financial control of construction costs
- Financial statements

### **Module 8: Course revision and consolidation**

- Course summary and review
- What to expect in your exam

## **Learning resources**

The resources in each technical module include various learning components to ensure you achieve the right level of knowledge for each competency.

#### *e-Learning module*

Interactive eLearning modules delivers the technical content of the learning objectives. The content will be delivered in bite-size chunks, including diagrams, podcasts and interactive activities

#### *Reading materials*

The eLearning is supported by structured reading material and / or videos with self-assessing questions

### *Case study*

The case study is a scenario assignment for you to put theory from the e-Learning module into practice by using knowledge gained on a project or situation. Case study submissions will be graded with feedback from your tutor

### *Online Discussion forum*

The discussion forum is a place for you to ask any questions and share professional experience with your peers

### *End of module quiz*

A short quiz tracks how much of the learning has been absorbed and acts as a progress tracker for you

### *Consolidation Session*

These recorded sessions, scheduled in every module, consolidate learning from the eLearning, reading materials, case studies and common questions that have been raised in the forum.

### **Additional resources:**

### *End of program Exam*

Upon completion of all technical modules, you will face a program examination to test knowledge before you sit the APC final assessment. A certificate of completion for this RICS Online program will be granted upon successful completion.