Building Surveying: Principles in Practice

**Duration:** 6 Months Distance Learning Programme

**Language:** English

RICS Member: £895.00 + VAT
Non RICS Member: £995.00 + VAT

Course Summary

Gain practical insight into the application of the core principles of building surveying.

This course covers the core principles of building surveying, taking a practical approach to explain the day-to-day procedures and processes that are carried out by qualified Building Surveyors.

Building surveyors specialise in the maintenance and care of buildings, working in areas such as building design, refurbishment or alteration, and resolving disputes between adjoining owners or landlord and tenant. Building surveying is one of the largest areas of surveying practice, and covers a wide range of professional roles.

The modules cover contract administration, construction and environmental services, design and specification, inspection, building pathology, contract administration and legal and regulatory compliance. There are two separate channels for residential and commercial building surveying in the areas where the core concepts deviate, to ensure both sectors are covered.

The course will give you a comprehensive explanation of the technical aspects and core principles of building surveying and will provide you with knowledge and techniques used in building surveying.
Who is this course for?

This course is suitable for

- Building Surveying BSc/MSc graduates and Assistant/Graduate Building Surveyors looking to put theory into practice and gain a day to day understanding of the profession
- APC and Assoc. candidates looking to consolidate their practical skills and knowledge required to be a competent qualified building surveying professional
- Building technicians, Quantity Surveyors, Property Valuers and Civil Engineers with a minimum of 3 years’ professional experience.

Please note, the course will cover both residential and commercial aspects of building surveying.

Course Structure

Delivered over 6 months, this course outlines the practices and core principles of building surveying in 6 modules. Each module covers a competency required by the profession and using a blended style of online study. Through a mixture of learning content and interactive sessions, delegates will gain a thorough grounding of the required skills.

Each module is composed of the following, to support and enhance the learners’ needs in gaining knowledge throughout the course programme.

- E-learning sessions
- Reading Material
- Live web classes
- Case Studies
- Online forum
- End of module quizzes
- Online Examination

E-learning sessions
The online technical e-learning sessions provide you with a detailed overview of the principles and methodologies covered within each module. These are created by highly experienced trainers to give the core competencies of Building Surveying practice.
Reading Material
Further your study and understanding of the methodologies with the directed reading material. Sourced from textbooks and articles, these readings support your development throughout the course programme.

Live web classes
The live web classes consolidate your learning from the modules. Here you will have a chance to meet the course tutor and to ask any questions directly. All web classes are recorded so you can look back on them later.

Case Studies
Technical case studies provide you with examples of practice, within these case studies you will be able to practice the theory taught within the module. Your responses will be shared within the online forums.

Online forum
Each module has a dedicated forum to provide you with constant access to your tutor and a shared learning area with fellow delegates. Creating a dedicated learning environment you will be able to partake in topic discussion and share your learning with lots of other people from all over the world.

End of module quizzes
At the end of each module is a short quiz, to check your understanding of the content and to help track your progress.
Course Contents

Module 0 – Introduction to Building Surveying
- Meet other delegates
- Introduction to the Building Surveying profession
- Introduction to the course

Module 1 – Construction technology and environmental services
- The stages of design and construction from inception to completion
- The process of construction and alteration
- Building works and how they relate into different property structures
- The impact different regulations and standards have on building surveying

Module 2 - Design and specification
- Review the various stages of the design process
- The functional requirements and performance of building materials and components
- The requirements of a client's brief, in order to satisfy their requirements
- Principles of preparing designs and specifications, including at outline and detail levels

Module 3 – Inspection
  - a – Residential channel
  - b – Commercial channel
- The requirements of the differing types of inspections
- Methods of completing property inspections
- Identify different techniques of inspection for different properties
- Understand the type of information required for preparing reports for the purpose of an inspection

Module 4 – Building Pathology
  - a – Residential channel
  - b – Commercial channel
- Identify typical causes and mechanics of varying types of failure
- Examples of building defects likely to be encountered in typical building surveying activities
- Review some of the causes of failure, and the likely results of failure, together with recommendations of appropriate remedial measures
- UK comparisons with international requirements
Module 5 - Contract administration
- Implement administrative procedures necessary for the smooth running of a construction contract
- The roles and responsibilities of the contract administrator
- The requirements to creating a building contract

Module 6 - Legal/regulatory compliance & property management
- Comply with legal/regulatory requirements for surveying
- Health and Safety in relation to building surveying regulations and guidance
- Statutory control of Building Works, including Building and Planning Acts within the country of practice
- UK comparisons with international requirements

Module 7 – Review & Reflect
- Summary and review of the key points
- Share the final thoughts and views

Learning Outcomes
- Identify the different stages of design and construction from inception to completion
- Determine the appropriate processes of construction and alteration
- Identify typical building works and how they relate into different property structures
- Establish the appropriate various stages of the design process
- Identify the functional requirements and performance of building materials and components
- Analyses the requirements of a client’s brief, in order to satisfy their requirements
- Identify the requirements supporting different types of property inspections
- Review the different methods of completing property inspections
- Establish various techniques of carrying out inspections
- Identify building defects likely to be encountered in typical building surveying
- Establish the causes of typical failure, and the likely results of failure, together with examples of typical recommendations of appropriate remedial measures
- Gain insight and overview of the administrative procedures necessary for the smooth running of a construction contract
- Identify the roles and responsibilities of the contract administrator
- Describe the legal/regulatory requirements for surveying
- Identify health and safety risks in relation to building surveying regulations and guidance
Course Overview

This course is made up of 6 technical modules and an online course examination delivered across the 6 month programme.

- Module 0 – Introduction to Building Surveying
- Module 1 – Construction technology and environmental services
- Module 2 – Design and specification
- Module 3 – Inspection
  - a – Residential channel
  - b – Commercial channel
- Module 4 – Building Pathology
  - a – Residential channel
  - b – Commercial channel
- Module 5 – Contract administration
- Module 6 – Legal/regulatory compliance and property management
- Module 7 – Review & Reflect

Course Assessment

You will be assessed through an online examination hosted by the RICS Online Academy. The online examination will take place at the end of the 6 month course, and you will need to acquire the requisite minimum score to successfully complete the course. You will then receive a certificate of completion, confirming you have passed the Building Surveying course and completed 200 CPD hours study over the 6 month period.