



"Empowering Future  
Quantity Surveyors"

## **QUNATITY SURVEYING WORKSHOP**

For more information to secure your spot, email us today!

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# Quantity Surveying and Project Management Essentials 3-Day Workshop

## **Understanding Roles in the Construction Industry & Introduction to Quantity Surveying**

This session will provide an in-depth overview of the various stakeholders involved in the construction industry and emphasise the importance of effective collaboration among them. Students will gain insight into the role of a quantity surveyor, including key responsibilities and potential career paths within the industry.

## **Construction Technology and Design**

In this module, students will delve into the fundamental principles of design and construction methods, materials, and technologies commonly utilised in the New Zealand construction sector. Practical examples and case studies will be used to illustrate these concepts.

## **Measurement and Estimation**

This segment will cover a comprehensive range of measurement and estimation techniques essential for quantity surveyors. Throughout the course, participants will explore a range of topics, including the Standard Method of Measurement, Diverse Measurement Techniques, Feasibility Studies, and the Approximate Quantities Method, Elemental Estimates, Basic Estimation Methods, and the meticulous process of Taking off Quantities to produce Detailed Estimates, preparation of Schedule of Quantities (SOQ), Measured Work, Cost Indices, Benchmarking, and Parametric Estimating. Furthermore, participants will delve into Cost Planning strategies and the concept of Whole Life Costing.

## **Risk Analysis and Management:**

Students will learn techniques for identifying, assessing, and managing cost-related project risks. Emphasis will be placed on developing effective risk mitigation strategies and monitoring risk factors throughout the construction project lifecycle.

### **Cash Flow Forecasting:**

This module will focus on forecasting and monitoring cash flow requirements throughout the construction project timeline. Students will learn how to consider the timing of expenses and income to ensure effective financial management.

### **Cost Control and Value Engineering:**

Basic principles of cost control and value engineering techniques will be covered in this session. Topics include tender management, contract procurement, and the selection and negotiation of contracts with suppliers, contractors, and subcontractors.

### **Contract and Post-Contract Administration:**

Students will gain a comprehensive understanding of tender evaluation, contract documentation, progress monitoring, quality control, claims and variation management, and payment certification processes.

### **Project Management:**

An introduction to project management principles will be provided, focusing on scheduling, resource management, and project monitoring techniques relevant to quantity surveying professionals.

### **Communication Skills and Professional Ethics:**

This session will highlight the importance of effective communication skills, both written and verbal, within the construction industry. Additionally, students will explore the significance of professional ethics and codes of conduct specific to the quantity surveying profession.

### **Site Visits or Case Studies:**

Practical sessions will be conducted where participants can visit construction sites or analyse real-life case studies to apply the knowledge and skills learned throughout the workshop.