BLACKBIRD FOR TRAINING

Professional Certificate Program in Quantity Surveying and Cost Estimating Practice

20 December 2026 – 7 January 2027
Cairo (Egypt)



Professional Certificate Program in Quantity Surveying and Cost Estimating Practice

Ref: 3254170_302234 **Date:** 20 December 2026 – 7 January 2027 **Location:** Cairo (Egypt) **Fees:** 12300 GBP

Introduction

The Certificate in Quantity Surveying Practice is a comprehensive course designed to provide participants with a strong foundation in the principles and practices of quantity surveying. This course is ideal for professionals seeking to build a career in the construction industry, as well as those looking to enhance their knowledge and skills in the field. The course covers key topics such as quantity measurement, cost estimation, risk management, and ethical practices, offering participants a deep understanding of the role of the quantity surveyor in construction projects. Through this course, you'll gain essential skills in rules of measurement in quantity surveying, quantity surveying services, and quantity surveying opportunities in the industry.

Course Objectives

This course is designed to achieve several key objectives in the field of quantity surveying, including:

- Introduction to Quantity Surveying: Familiarizing participants with the core concepts and terminology of quantity surveying.
- Role of the Quantity Surveyor: Understanding the responsibilities and roles of a quantity surveyor within the construction industry.
- Quantity Measurement and Cost Estimation: Equipping participants with the skills to accurately measure quantities and effectively estimate costs, focusing on quantity surveying cost estimation techniques.
- Contracts and Procurement: Exploring different types of contracts and procurement processes in construction projects.
- Cost Planning and Control: Developing the ability to plan and control costs, including cost planning in quantity surveying and managing changes.
- Document Preparation: Teaching participants how to prepare bills of quantities and tender documents for projects.
- Construction Laws and Dispute Resolution: Providing insights into relevant construction laws and how to manage disputes.
- Value Engineering and Life Cycle Costs: Introducing value engineering principles and understanding life cycle costs in construction projects.
- Project Management: Enhancing knowledge of project management principles, with an emphasis on the quantity surveyor's role.
- Risk Management: Developing skills for identifying, assessing, and managing risks in construction projects.
- Modern Technology: Understanding emerging technologies and advanced quantity survey methods in the field.
- Professional Ethics: Highlighting the importance of ethics and standards in quantity surveying practice.



- Marketing Strategies: Teaching participants how to market their quantity surveying services effectively.
- Sustainability: Understanding the importance of sustainability in construction projects.
- Performance Improvement: Strategies for performance evaluation and process enhancement in quantity surveying practice.

Course Outlines

Day 1: Introduction to Quantity Surveying

- quantity surveyor certification: meaning and its role in the construction industry.
- Key quantity surveying basics and terminology.
- The quantity surveyor's responsibilities.

Day 2: Quantity Measurement and Estimation

- Measurement techniques: Accurate methods for quantity measurement.
- Estimating principles in quantity surveying services.
- Introduction to quantity surveying software and tools.

Day 3: Contracts and Procurement

- Types of contracts in construction projects.
- Contract management and responsibilities of the involved parties.
- Tendering processes and procurement practices.

Day 4: Cost Planning and Control

- Cost quantity surveyor: Techniques for cost planning and budgeting.
- Cost monitoring and change management in construction projects.

Day 5: Bills of Quantities and Tender Documents

- How to prepare bills of quantities.
- Preparing and evaluating tender documents and understanding contractual obligations.

Day 6: Construction Laws and Dispute Resolution

- Overview of legal frameworks in quantity surveying.
- Contract law and its impact on cost estimation.
- Strategies for dispute resolution in construction projects.



Day 7: Value Engineering and Life Cycle Costs

- Value engineering principles: Improving project value.
- Understanding life cycle costs and sustainability considerations.

Day 8: Project Management for Quantity Surveyors

- Key principles of project management.
- Quantity surveyors as advisors in project management and stakeholder communication.

Day 9: Risk Management in Quantity Surveying

- Identifying and mitigating risks in construction projects.
- The role of insurance and guarantees in quantity surveying practice.

Day 10: Advanced Measurement and Technology

- Advanced measurement methods in quantity surveying.
- Introduction to Building Information Modeling BIM and other emerging technologies.

Day 11: Professional Ethics and Standards

- The importance of ethics in quantity surveying practice.
- Complying with professional standards and ensuring continuous professional development.

Day 12: Marketing Strategies in Quantity Surveying

- How to effectively market quantity surveying services.
- Building professional networks and client relationships.

Day 13: Using Technology in Quantity Surveying

- Exploring smartphone applications and data analysis techniques in quantity surveying.

Day 14: Sustainability in Quantity Surveying

- Sustainable practices in quantity surveying and construction projects.
- Complying with environmental standards and assessing the economic impact of sustainability.

Day 15: Performance Evaluation and Process Improvement

- Evaluating project performance and identifying improvement opportunities.
- Process enhancement techniques and the importance of continuous learning.



Why Attend this Course: Wins & Losses!

- Master the basics of quantity surveying and learn to apply quantity surveying methods effectively in the field.
- Gain practical skills in cost quantity survey and cost estimation to enhance your expertise.
- Learn to plan costs and manage changes in construction projects, helping you become proficient in cost planning in quantity surveying.
- Understand how to apply value engineering principles and assess life cycle costs in construction.
- Explore the use of modern technologies like BIM to improve measurement accuracy and project management.

Conclusion

The Certificate in Quantity Surveying Practice offers quantity surveyor certification, a unique opportunity for individuals to build a career in quantity surveying or enhance their existing skills in this dynamic field. By mastering essential skills such as cost estimation, quantity analysis, and rules of measurement in quantity surveying, participants will be well-equipped to take on challenging roles in the construction industry. The course prepares you for numerous quantity surveying opportunities and provides you with the tools to succeed as a skilled quantity surveying technician.

Don't miss the chance to deepen your understanding of quantity surveying and its vital role in construction projects—join today and start your journey toward becoming a leading professional in quantity surveying practice!

