



London TDM

Civil and Construction Engineering Training Courses

Course Venue: United Arab Emirates - Dubai

Course Date: From 02 November 2025 To 06 November 2025

Course Place: Downtown Dubai

Course Fees: 5,000 USD

Introduction

In the dynamic world of construction, the role of a Quantity Surveyor is crucial for ensuring projects run smoothly and within budget. This 5-day professional course is designed to equip participants with comprehensive knowledge and practical skills in quantity surveying and cost estimation, preparing them for successful careers in the construction industry.

Objectives

- Understand the fundamentals of quantity surveying and its importance in construction projects.
- Develop skills in cost estimation and management for various types of projects.
- Learn to use industry-standard software and tools for accurate quantity calculations.
- Gain insights into effective contract management and risk assessment strategies.
- Enhance professional development with best practices and ethical considerations.

Course Outlines

Day 1: Introduction to Quantity Surveying

- Overview of the Quantity Surveying profession
- The role of Quantity Surveyors in various construction phases
- Key competencies and skills required
- Introduction to construction economics
- Understanding project lifecycles

Day 2: Basics of Cost Estimation

- Principles of cost estimation
- Types of cost estimates
- Identifying project costs and variables
- Preparing preliminary cost estimates
- Using cost estimation tools and software

Day 3: Advanced Estimation Techniques

- Detailed measurement techniques
- Estimating for different types of construction projects
- Value engineering and cost-saving strategies
- Risk assessment in cost estimation
- Case studies and practical exercises

Day 4: Contract Administration and Management

- Understanding construction contracts
- Roles and responsibilities under a contract
- Contract negotiation and management strategies
- Dispute resolution and claims management
- Workshop on contract document preparation

Day 5: Professional Practice and Ethics

- Best practices in quantity surveying
- Ethical considerations and professional conduct
- Networking and career development
- Future trends in the construction industry
- Course review and certification test