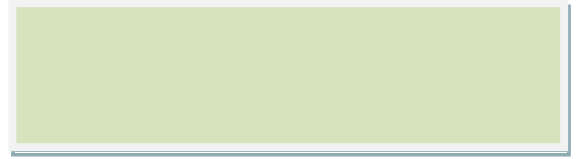




Construction Project Cost Engineering & Quantity Surveying Practices



Enrich engineers and construction professionals with updated engineering costing control and contracting knowledge, skills and industrial trends.

To enrich practicing construction professionals the basic knowledges and general understanding of quantity surveying practices, contractual and commercial matters relating to construction projects and built environment throughout the life cycle.

Course Outlines

1. **Cost Engineering & Quantity Surveying Practices -**
Introduction on the quantity surveyor profession within the modern construction and built environment, key roles and duties and major contribution to every successful project on life cycle bases.
2. **Design Economics and Cost Planning**
Coverage on the general cost management of design development for a project from inception, feasibility to completion during the pre-contract stages.
3. **Procurement and Tendering**
General knowledge of procurement routes and methodologies, tender documentation and procedures, tender addendum and negotiation, tender award formality, different contract agreements for main contract and sub-contract.
4. **Contract Administration**
Demonstration on the basic requirements of administrative procedures and management techniques necessary for smooth running of construction project in accordance with the terms and condition of the contract agreement.
5. **Quantification and Costing of Construction Works**
Methods of measurement, pricing of works, valuation of changes, cost control of construction works at all stages of construction project.
6. **Project Insurances**
Common types of insurance policies, insurance coverage and excess, risk management in construction.
7. **Construction Commercial Management -**
Controlling of project cost components, cash flow forecast, P&L, profitability and budgeting
8. **Construction Claims and Dispute Resolution**
Types of claim in construction, claim management with emphasis on initiation, procedure and

settlement. Natures of construction dispute, common practices and resolution methods.

Civil Engineers, architects, surveyors and construction professionals

Medium of Instruction

Delivered in Cantonese with notes mainly in English

Venue for Enrollment

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SLA, 2/F Block O, Macau University of Science and Technology, Avenida Wai Long, Taipa, Macau

Venue for Class

Macau University of Science and Technology, Avenida Wai Long, Taipa, Macau (Classroom number will be notified after the course is confirmed to commence.)

Course Date & Time

Tuition Fee MOP 2,400

Class Size 40

*** Enrollment Notes ***

(9:00 – 13:00 14:30 – 20:00)[]

Operation hours: Monday to Friday (9:00 –13:00; 14:30 –20:00) [Close at Public Holidays]

1. <https://scs.must.edu.mo/oasc/PersonalInfo.do>

QR Code < >

For those who enroll for our courses for the first time, please go to <https://scs.must.edu.mo/oasc/PersonalInfo.do> or scan the QR Code below, choose the category of <Building & Construction>.