

CERTIFICATE IN COST MANAGEMENT AND ESTIMATING (12TH INTAKE) ONLINE



Introduction

The design and construction of building projects is highly complex and demanding process involving multiple disciplines such as architecture, civil and structural engineering, mechanical and electrical engineering, quantity surveying and construction. Delivering a project of high complexity within the right cost budget, time schedule and quality is critical in meeting client's project objectives. Cost management and estimating provides project owners, developers, consultants and contractors the certainty and economy of cost over the life cycle of a building with the use of cost modeling, planning and management techniques.

The Certificate in Cost Management and Estimating covers the basic principles relating to estimating of items of the works to be undertaken on construction projects. Major topics are quantitative techniques in cost analysis, cost planning and approximate estimating. The principles governing the pricing of items and building up rates for items of works including structural, architectural and M&E works are also covered.

Objective

The course is designed and structured to cover the following key aspects of cost management and estimating:

→ Cost planning and Control Techniques

The need for cost planning and control, budgets and budgetary control, owner's feasibility studies, project cash flow forecasting; Principles and techniques of cost planning during inception, scheme design stages including elemental cost analysis and planning. Contractor's cost control over contract costs, price changes and variation orders.

→ Cost Estimating

Fundamentals of cost estimating involving cost data, cost indices and construction cost relating to time value. Owner's development cost estimation involving construction cost, land cost and values, infrastructure and social development and project financing cost; Contractor's cost estimation including preliminaries, cost of materials, labour, hire or purchase of mechanical plant, preparation of cost estimation for structural works, architectural works and M&E works including Fire, ACMV, Lift, Escalator, Electrical, Plumbing, etc.

→ Life Cycle Costing, Value Engineering and Sustainable Economics

An understanding of life cycle costing (LCC), its purpose and technique; The history of value analysis, Areas of application, principles, definitions and methodology of value engineering; The impact of new legislation for environmental sustainability on LCC for sustainable development.



To register, please log into our CPD events at <https://www.sisv.org.sg/event.aspx> or scan QR code and search for event code **CCME 2024**

Every QS Division Member (Fellows, Members, Probationers and Technical Members) must complete at least 20 CPD hours each year. Certificate of Attendance: A Certificate of Attendance will be awarded upon successful completion of the seminar.

Singapore Institute of Surveyors and Valuers

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2024

DETAILS

Date: 9 July 2024 to 9 September 2024

Revision: 2 September 2024

Time: 6:30 pm to 8:30 pm

Venue: Zoom

Self Study: 3 September to 8 September 2024

Examination: 9 September 2024

Venue: Sit-in examination at SISV office

Time: 2:00 pm to 4:00 pm

FEE (INCLUSIVE OF 9% GST):

- \$959.20 for SISV members/ Staff of Member Firms
- \$1,188.10 for APQS Members, CIJC Members (applicable to SIA, IES, SCAL, SIBL, SPM, REDAS, ACES, SGBC), AIQS, BoA, PEB, RICS.
- \$1,471.50 for Non-Members

CPD:

SISV, QS Division: 34 CPD

PE (PDU): Pending

SIA-BOA (CPD): Pending

SPM: (CPD): Pending

CPAS CPD: Pending

TARGET AUDIENCE

For practitioners and contract administrators in the built environment industry, which includes Quantity Surveyors, Contract Managers & Contract Administrators, Architects & Engineers, Project Directors & Project Managers.

ASSESSMENT & AWARD

A Certificate in Cost Management and Estimating will be awarded by SISV to candidates who have attended at least 75% of the course and upon successful completion of a written examination.

<SISV Accredited Professional Quantity Surveyor (APQS) Scheme>

[Click here to contact us for sharing session for your company.](#)

For more information, please click [here](#) for information Pack or contact us for further enquiry at apqs@sisv.org.sg



<External Events>

1. PAQS Webinar - The Art of War (or at least, Contract Dispute Resolution) on 27 February 2024, 12.00pm (MYT)

[Click here for registration and more information](#)

2. SCL-Networking Cocktails 2024" on 28 February 2024

[Click here for registration and more information](#)

3. RICS-CIOB-Riding the ESG Wave in the Built Industry on 21 March 2024

[Click here for registration and more information](#)

4. ICEC-AAQS World Congress: 18-23 October 2024, Accra, Ghana

[Click here for registration and more information](#)

REGISTER FOR BTA 2024



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