

SISV Courses >

1. Certificate in Measurement of Building Works 2023
Click [here](#) for more details and registration.



CERTIFICATE IN MEASUREMENT OF BUILDING WORKS

Introduction

This comprehensive measurement course aims to equip participants with the essential knowledge and skills to take off quantities in accordance to the principles and rules of the Singapore Standard Method of Measurement (2). It comprises four modules, each covering 33 hours of lecture and tutorial and they will be offered as Continuing Education and Training (CET) Courses in Singapore University of Social Sciences (SUSS) from January 2018.

Course Structure

- QSM 201 Civil & Structural Works – Commencing January 2023 (11 sessions)
- QSM 202 Architectural and M&E Works – Commencing July 2023 (11 sessions)
- QSM 301 Advanced Civil & Structural Works – Commencing January 2023 (11 sessions)
- QSM 302 Specialist Work – Commencing July 2023 (11 sessions)

Course Content

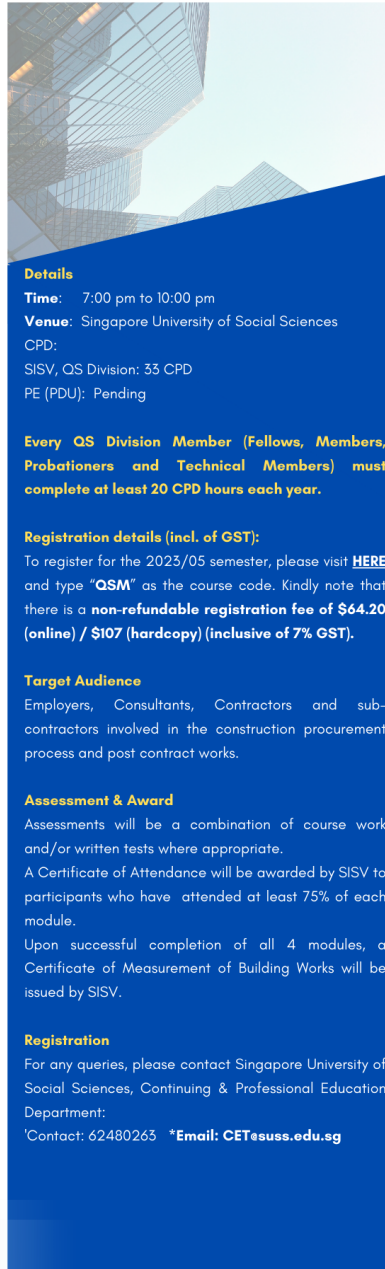
The course consists of 4 modules.

QSM201 Construction Measurement (1 of 4) Civil & Structural Works

QSM201 Construction Measurement (1 of 4) Civil & Structural Works explains the roles of the quantity surveyor in the construction process, covers the fundamental principles for construction measurement and focuses on the measurement of Civil and Structural works in projects. It also develops students' understanding and skills in the measurement of building works involving general site clearance and excavation, reinforced concrete works below ground, structural steelwork, piling and general external works.

Topics:

- The roles of the Quantity Surveyor in the Construction Process
- Preparation of the Bills of Quantities
- Interpretation of the general principles of SMM2
- Basic Mensuration and the use of traditional dimension papers
- Measurement of site clearance and general excavation works involving pits and trenches
- Measurement of reinforced concrete and associated works below ground
- Measurement of timber piles
- Measurement of precast reinforced concrete piles
- Measurement of Inspection Chambers and associated drainage work below ground
- Measurement of culverts, driveways and carparks
- Measurement of structural steelwork involving stanchions, beams and associated fittings
- Measurement of portal frame and roof trusses



Details

Time: 7:00 pm to 10:00 pm
Venue: Singapore University of Social Sciences
CPD:
SISV, QS Division: 33 CPD
PE (PDU): Pending

Every QS Division Member (Fellows, Members, Probationers and Technical Members) must complete at least 20 CPD hours each year.

Registration details (incl. of GST):
To register for the 2023/05 semester, please visit [HERE](#) and type "QSM" as the course code. Kindly note that there is a **non-refundable registration fee of \$64.20 (online) / \$107 (hardcopy) (inclusive of 7% GST).**

Target Audience
Employers, Consultants, Contractors and sub-contractors involved in the construction procurement process and post contract works.

Assessment & Award
Assessments will be a combination of course work and/or written tests where appropriate.
A Certificate of Attendance will be awarded by SISV to participants who have attended at least 75% of each module.
Upon successful completion of all 4 modules, a Certificate of Measurement of Building Works will be issued by SISV.

Registration
For any queries, please contact Singapore University of Social Sciences, Continuing & Professional Education Department:
Contact: 62480263 *Email: CETesuss.edu.sg

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2. Certificate in Cost Management and Estimating (CCME) 11th Intake Online
on 10 July 2023 to 29 September 2023



CERTIFICATE IN COST MANAGEMENT AND ESTIMATING (11TH 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 2023**

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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DETAILS

Date: 10 July 2023 to 29 September 2023

Revision: 4 September 2023

Self Study: 5 September to 28 September 2023

Examination: 29 September 2023
(Sit-in examination at SISV office)

Time: 6:30 pm to 8:30 pm

Venue: Zoom

Fee (incl. of 7% GST):

- \$888.10 for SISV members/ Staff of Member Firms
- \$1,112.80 for CIJC Member (applicable to SIA, IES, SCAL, SIBL, SPM, REDAS, ACES, SGBC), and AIQS, BoA, PEB, RICS.
- \$1,391.00 for Non-Member

CPD:

SISV, QS Division: 34 CPD

PE (PDU): Pending

SIA-BOA (CPD): Pending

SPM: (CPD): Pending

M&E (STU): 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



SISV ACCREDITED PROFESSIONAL QUANTITY SURVEYOR (APQS) SCHEME

SISV APQS Accreditation Scheme has been endorsed by the Central Procurers Panel & BCA.



APQS is likely to become the requirement for future tender specification/ evaluation and Firms registration requirements under the PSPC and CRS.

For more information, please write to apqs@sisv.org

<External Events>

1. IES-Slope Safety In Singapore and The Adoption of A Green and Sustainable Approach to Design, Construction and Maintenance on 23 June 2023
Click [here](#) for more details and registration.
2. IES-Seminar on Building Facade Inspection 2023 on 27 June 2023
Click [here](#) for more details and [registration](#).
3. SIBL-Seminar on Building Defects and Liabilities on 5 July 2023
Click [here](#) for more details and registration.
4. IES-Understanding the Requirement for Development Interfacing with Rail Infrastructure on 12 July 2023
Click [here](#) for more details and registration.
5. IES-2-Day Masterclass and Seminar on Design of Timber Structures to Eurocode 5 on 17-18 July 2023
Click [here](#) for more details and registration.
6. REDAS-Negotiations on Building Contracts with Contractors – How to prepare for the same and what the Employer should look out for? on 27 July 2023
Click [here](#) for more details and registration.
7. SCL(S)-12th Annual Dinner on 23 August 2023
Click [here](#) for more details and registration.
8. PAQS Congress 2023 on 22 September - 26 September 2023 at Berjaya Times square, Kuala Lumpur
Click [here](#) for more details and [registration](#).
9. IES-World Engineers Summit 2023 on 8 – 10 November 2023
Invite authors to submit a 200-250 words abstract, click [here](#) for submission and [registration](#)

Sent to: lilian@aces.org.sg

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