



IES/IStructE Joint Committee

The Institution of Structural Engineers (IStructE) Chartered Membership Examination Preparatory Course

- Venue:**
- (1) IES Seminar Room 1 & 2
The Institution of Engineers, Singapore
70 Bukit Tinggi Road
Singapore 289758
 - (2) Zoom video conferencing concurrently
 - Attendance at the IES Seminar Rooms will be allocated on a first-come-first-serve basis, as seats are limited due to Covid-related restrictions.
 - The rest of the participants will be given a Zoom video conferencing link.
- Date/Time:** 03 July 2021 and 07 August 2021
9am to 5pm
- Fee:** SGD \$120 (*Price inclusive of GST*)

This course is intended to assist participants to prepare for the Institution of Structural Engineers Chartered Membership Examination (CME), in accordance with the Institution's guidelines.

By the end of the course, the participants should be able to: (i) describe the general principles and techniques to successfully complete the examination; (ii) demonstrate these principles by discussing real questions on different types of structures; (iii) judge the requirements of the examination and what the examiners expect to see.

The course will be conducted by three current marking examiners for the IStructE CME over two sessions:

03 July 2021

- CME and its structure
- Conceptual design – Section 1a of examination question
- Communication with the client – Section 1b
- Structural design of principal elements – Section 2c
- Structural drawings – Section 2d
- Construction issues – Section 2e
- Answering a question – Critique of previous attempt at answering a question
- Structural scheming – Practical examples of conceptual design
- Preparation for the examination – Activities leading up to the examination

07 August 2021

- Examiner's point of view – What examiners look for and common pitfalls
- Past examination questions – Talk through a number of other past examination questions and sample solutions
- Mock examination / workshop – Attempt parts of past examination questions, followed by discussion on the solutions

SPEAKERS PROFILE

ER. REVE CHIN, Project Manager and Qualified Person with Jacobs Engineering; graduated from Nanyang Technological University with Bachelor (Hons) and Master of Science in Civil Engineering.

Er. Chin has 19 years of working experience in various design roles and project management in engineering consultancy MNC. He is a Professional Engineer in Singapore and Chartered Member of IStructE since 2010, and is a CME marking examiner for several years.

He has worked on diverse range of industrial projects from manufacturing, chemicals, water treatment, desalination, waste management, power plants to high-voltage substations; commercial projects such as MBS Integrated Resort, hotels and convention centre; infrastructure projects - MRT stations, large watermains replacements/diversion works and major canals/drains; and various residential projects including condominiums, HDB apartments and bungalows.

ER. WIJAYA WONG, Regional Director of WME (South East Asia) Pte Ltd graduated from Tarumanagara University and National University of Singapore with BEng (Civil) and MSc (Civil), respectively.

Er. Wong has more than 20 years of working experience in various design and project delivery of infrastructure, industrial, commercial, residential and institutional projects in Singapore, Indonesia, Malaysia, Hong Kong and China. The highlighted project under his portfolio is Marina Bay Sands Integrated Resort, for which he was the Qualified Person (Design) for the hotel towers.

He is a registered Professional Engineer in Singapore since 2009 and a Chartered Member of IStructE since 2006 and he is currently a marking examiner for the IStructE CME.

ER. STEVE YEUNG, Director of WME (South East Asia) Pte Ltd graduated from the University of Sydney, Australia with Bachelor (Hons) and Master of Engineering Degrees.

Er. Yeung has over 30 years of working experience in the offshore oil-&-gas, mining and power generation industries. He has worked as structural design engineer, project engineer, project manager and engineering manager. He commenced his career in Australia before relocating to Singapore in 1999. He is a registered Professional Engineer (Civil) in Singapore and Chartered Member of IStructE. He has been a marking examiner for IStructE; participating in marking the CME scripts annually since 2007.

TERMS & CONDITIONS

Registration

All registrations shall be submitted online via URL:

<https://form.jotform.me/211258177647462>

Payment modes:

1. Online payment by Visa/Master Card, or
2. By cheque. The cheque shall be crossed and made payable to "IES" and send to

The Institution of Engineers, Singapore
70 Bukit Tinggi Road
Singapore 289758
Attn: Mr Leon Leong

Registration will only be confirmed upon receipt of full payment by IES.

The closing date for registration is **Monday, 28 June 2021**.

Confirmation of Event

Confirmation of event will be given 5 working days prior to the course. In the event that you are not able to attend, please inform us in writing at least 3 working days before the course commencement date. Otherwise, the full payment will still be applicable even if you did not turn up for the workshop.

We reserve the right to allow only confirmed registrants to attend the course.

Course Cancellation/Postponement

Changes in venue, dates, time and speakers for the course can occur due to unforeseen circumstances. The Committee reserves the full right to cancel or postpone the course under such circumstances without prior reasons. Every effort, however, will be made to inform the participants or contact person of any cancellation or postponement.

Fees will be refunded in FULL if the course is cancelled by the Committee.