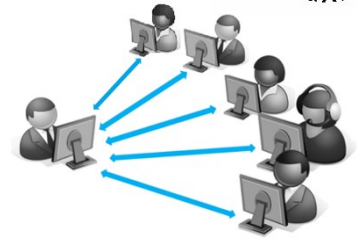
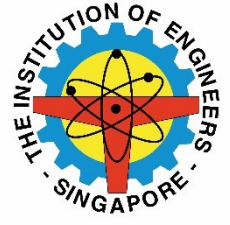


ESSENTIAL CONSTRUCTION PROJECT MANAGEMENT SKILLS FOR ENGINEERS & TECHNICAL OFFICERS

(Virtual Classroom)

****Supported by UTAP & Skillsfuture Credit Funding****



IES Academy Virtual Classroom

Introduction

A veteran Professional Engineer with 40 years of experiences in Singapore (HDB) and China (Keppel Land) sharing his vast experiences in Project Management and Safety Management of construction sites.

It is not uncommon to see projects that are not properly managed, resulting in project delay, cost overrun and accidents on site. When these happen, the financial impacts to the clients / developers are great and the project team is normally demoralized. It could also end up with contractual disputes and financial claims from all parties.

The success and safe delivery of a construction project depends largely on the effectiveness of the project manager and the project team members who are involved in the project. Being key members of the project team, it is important for the Engineer and RTO to acquire the knowledge and skills of project management, so that they will be able to work closely with the Project Manager and contribute positively to the success and safe delivery of the projects.

To achieve good quality construction works, it is important for the engineer to be able to manage the design process and supervise the construction work on site effectively. This course will also cover the effective management of design process by the engineer and effective supervision of construction works by the RE and RTO.

Apart from the management of quality, cost and time, it is also crucial for the construction works to be carried out safely without any accident. This course will cover the risk assessment and safety management of construction works, to provide a safe environment for all personnel working on site. The trainer will also share with the course participants the learning points from past cases of worksite accidents.

This one-day course will cover the essential project management skills that an Engineer / RTO / Project Manager must possess so that he is able to manage construction projects competently and safely. In addition, this course will also briefly touch on the skill sets required for managing projects overseas, particularly in China.

Objectives

To equip Engineers / REs / RTOs and building consultants with the essential knowledge and skills of Project Management so that they will be able to manage construction projects competently and safely.

Pre-requisites

Prior to attending this course, you should:

- Have a PC / laptop / tablet / smart phone with built-in or external webcam.
- Installed the Zoom client.
- Have Wi-Fi / high speed internet connection available.
- Receive an email with a link for you to submit a registration for webinar 1 week prior to the commencement.
- Receive an email with a link and password for you to join the webinar session after your registration is successful.

Details

Date : 22 MAY 2025

Time : 9AM – 5.30PM

Duration: 7 Hrs

Delivery Mode: Zoom Webinar

**CPD: 3 STU(Structural) – Confirmed
2 STU(Safety)- Confirmed
7 PDU/Ceng - To be confirmed**

**Course Fee (Include 9% GST):
IES Member: \$272.50
Non-member: \$316.10**

SFC reference no.: TGS-2021005898

E-certificate of Attendance will be awarded to participants who have completed the course survey.

Target Audience

- REs, RTOs, Engineers, Architects, Construction Managers and Consultants
- Project Managers with consultancy firms, real-estate developers or construction companies
- Those who wish to venture into overseas markets like China

IES Academy@Jurong East

80 Jurong East Street 21, #04-10
Devan Nair Institute for Employment and Employability
Singapore 609607

Contact Person: Verline Chiam
DID: 64604241| Main Line: 6463 9211
E-mail: verline.chiam@iesnet.org.sg

Course Outline

1. Introduction to Project Management for construction projects
2. Schedule Management and Cost Management for construction projects
3. Management of design process for Structural, Architectural and M&E works
4. The Workplace Safety and Health (Design for Safety) Regulations
5. Learning points from past cases of construction site accidents
6. Safety management of construction sites
7. Effective Quality Management to prevent Safety Issues during construction and operation
8. Effective supervision of construction works on site
9. Best Practices for site supervision of structural works
10. Risk assessment of construction sites
11. Managing construction projects in China

Trainers' Profile



Er. Tan Joo Chuah holds a **Bachelor of Engineering (Civil)** degree from the University of Singapore; and a **Master of Science in Construction Engineering (With Distinction)** from University of Leeds, UK. He has been a **Professional Engineer (Civil), Singapore** since 1990.

He has almost 40 years of Project Management experience managing projects in Singapore and China. He was the **2nd Vice-President** for the **Society of Project Managers, Singapore** from 2009 to 2013.

Er. Tan was the **General Manager, Projects of Keppel Land China** from 2012 to 2016. During these 4 years, he was based in Shanghai and managed Keppel Land's residential/commercial projects in 10 different cities in China.

Prior to joining Keppel Land China, he was the **Managing Director of SIPM Consultants Pte. Ltd.**, a wholly-owned subsidiary of Surbana-Jurong Pte. Ltd., for 5 years.

Er. Tan was with the **Housing and Development Board (HDB)** of Singapore for 23 years. He started with HDB as a **Structural Engineer** in 1980 and was a **Senior Principal Project Manager** when he left HDB in 2003. He has contributed to the successful implementation of the HDB's Main Upgrading Program (MUP) and Lift Upgrading Program (LUP), retrofitting many old HDB apartment blocks and giving the public housing estates a new look.

He was with the **Ministry of National Development** for 2 years, working as **Assistant Director** in the Housing Division.

He also managed the hospital development projects in Singapore, Chongqing and Shanghai for **Raffles Medical Group** when he was with the company.

Er. Tan has been invited by the **China's Construction Project Management Committee (CPMC)** to be in the judging panel to assess the candidates for **China's National "Outstanding International Project Managers"** Awards.

Er. Tan is also an **ACTA certified trainer**.

ESSENTIAL CONSTRUCTION PROJECT MANAGEMENT SKILLS FOR ENGINEERS & TECHNICAL OFFICERS 45th Run

(Virtual Classroom)

**** Supported by UTAP & Skillsfuture Credit Funding****

Date: 22 MAY 2025

Time: 9AM – 5.30PM

Delivery Mode: Zoom Webinar

Fee (include GST): IES Member: \$272.50 Non-member: \$316.10

Please register online/email the completed form by **13 MAY 2025 before 3PM** to:

Contact Person: Verline Chiam, verline.chiam@iesnet.org.sg Tel: 64604241

IES Academy@Jurong East

80 Jurong East Street 21, #04-10

Devan Nair Institute for Employment and Employability Singapore 609607

Participant Details

*Name : _____ *NRIC : _____
(Please written in BLOCK Letter)

Company : _____ *Designation _____

*Billing Address: _____
(For mailing of invoice and receipt)

*Postal Code : _____ Gender : _____ Male / Female _____

*Handphone No. :- _____ (Participant must be contactable)

*Your Email : _____
(For sending of confirmation email, preferable personal unless company sponsored)

Please indicate: ☐ IES members IES M'ship No.: _____ RE/RTO/P.E/CEng No.: _____
(if applicable)
☐ Non-members
☐ Sponsored by company (Please indicate the Contact person detail)

Contact Person Details (HR or Finance if sponsored by company or if applicable)

#Name : _____ #Designation : _____

#Contact No. : _____ #Email: _____

Payment Details

Bank Transfer/E-Payment: _____ Amount (\$): _____

~ All Fees are inclusive of **9% GST**.

☐ Using SkillsFutureCredit to pay for course fee (**Singaporean & self-paying ONLY**)

~ 100% attendance is compulsory, else no Cert.

Acceptance of Terms and Conditions for Registrations of IES Academy's Events

I agree to abide by the Terms and Conditions for Registration of IES Academy's Events.

Name : _____ Signature : _____

***Mandatory entry**

#Compulsory Entry for participant who choose to be INVOICE to your company

TERMS & CONDITIONS COURSE REGISTRATION

Registration

Any registration, whether on-line or fax will be on a ***first-come-first-served basis*** and will only be confirmed upon receipt of full payment by Engineers Singapore Pte Ltd unless otherwise invoice to company.

All registrations must be submitted with duly completed registration form.

Closing Date

The closing date of the event will be 1 week prior to event commencement date or earlier.

Confirmation of Registration

Confirmation of registration will be given at least 1 week before the commencement date via email. ***If you do not receive the said confirmation email, you are required to contact IESA at 6463 9211 during office hours.***

IESA reserves the right to allow only confirmed registrants to attend the Event.

Withdrawals/Refunds of Fees

Written notice ***at least 1 week in advance*** before the commencement of the event

Full course fee shall be refunded subjected to 4.5% transaction charge.

➤ **NO** refund otherwise.

No show of participant would not be accepted as a valid reason for withdrawal/refund.

One-time replacement is allowed only if written notice is received by us at least 1 week before the commencement of the event. However, when an IES member is replaced by a non-member, the participant has to pay the difference in the relevant fees.

Cancellation/Postponement

Changes in Venue, Dates, Time and Speakers for the Events can occur due to unforeseen circumstances. IES reserves the full rights to cancel or postpone the Event 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 any Event is cancelled by IESA.

UTAP (Union Training Assistance Programme) is an individual skill upgrading account especially for NTUC members. As a member, you enjoy UTAP funding at 50% of the unfunded course fee capped at \$250 every year. Please visit [HERE](#) for more information on UTAP claim.

SkillsFuture Credit (SFC) "All Singaporeans aged 25 and above can use their \$500 SkillsFuture Credit from the government to pay for a wide range of approved skills-related courses. Visit the SkillsFuture Credit website (www.skillsfuture.sg/credit) to choose from the courses available on the SkillsFuture Credit course directory."

Please visit [HERE](#) for more information on SFC & UTAP claim.

PERSONAL DATA PROTECTION ACT

I consent to the processing by Institution of Engineers, Singapore of personal data, including sensitive personal data as defined in the Data Protection Act 2014, about me for the proper purposes of Institution of Engineers, Singapore (IES). I undertake to observe the provisions of the Data Protection Act 2014 in relation to any personal data I may myself hold and process as a Members of Institution of Engineers, Singapore, and I agree to indemnify Institution of Engineers, Singapore from liability for any claims or damages that may arise from the processing of this data. For more information kindly refer to [here](#).

Enquiries

For further enquiries, please contact IESA general office at Tel: 6463 9211.