Course Synopsis

This course is designed to assist engineers to prepare for the Practical Professional Exam in Civil Engineering. The syllabus of the exam is very wide; many engineers do not know how to prepare for the exam. This course uses a systemic approach to cover major topics.

This course has three modules and it will be helpful for candidates to attend all three modules, however, candidates may also attend individual modules to suit their work schedule. Work examples will be discussed during the course with illustrations on how regulatory requirements shall be applied.

Trainer Profile

Er. Wong Pui Fun, Joanne is the Associate Director of Meinhardt Infrastructure Pte Ltd. She has more than 30 years of post-graduate practical experience in construction industrial. She has experiences in a wide range of building and infrastructure projects. She is well-versed with authorities’ requirements, rules and regulations and various codes of practice.

She has been acting as a Qualified Person Professional Engineer (Civil) for many iconic projects on behalf of project owners as well as contractors. She sits in various committees in IES and ACES. Joanne also conducts other training courses for Engineers. She is familiar with the PPE exam requirements.
**Course Contents**

**Module 1 – PPE Exam objectives and Concept on Structure Framing (8 hrs): 18 Nov 2017 (Sat)**

1. Objective of PPE Exam
2. Professional Engineer duty and responsibility
3. Feedback on pass exam results
4. Structural framing concept, comparison of different types of structure such as steel, concrete, prestressed concrete, precast concrete etc.;
5. Importance of structural stability and robustness;
6. EuroCode application on conceptual design

**Module 2 – Conceptual Design for Structure (8 hrs): 2 Dec 2017 (Sat)**

1. Compliance to regulatory requirement in conceptual design
2. Conceptual design on
   a. foundation
   b. reinforcement concrete structure
   c. Steel structure
   d. Precast structure

**Module 3 – Regulatory Requirement, Act & Regulations, Conceptual Design for civil work and underground building work (8 hrs): 9 Dec 2017 (Sat)**

1. Regulatory requirements
2. In depth study on
   a. BCA Act & regulation
   b. LTA Street Act and Railway Protection Act
   c. Drainage and Sewerage Act
3. Conceptual design on Drainage & Sewerage work
4. Conceptual design on underground building work
REGISTRATION FORM
For enquiry, please call ACES Secretariat at Tel: 6659 5023
Kindly sign and submit your completed registration form to registration@aces.org.sg

PAYMENT
Enclosed is a Cheque No: ________________________ (Cheque should be crossed and made payable to “Association of Consulting Engineers Singapore” and mailed to “18 Sin Ming Lane #06-01 Midview City, Singapore 573960, Attention: ACES Secretariat”.
[Note: On the back of the cheque, please indicate participant name & event name]

Terms and Conditions
By submitting and signing this application form, the company and individual applicant agree to the following:

a) The company and individual applicant has read and understood the terms of the flyer (if available) and the application form.
b) Payment for the course must be made before the course commencement date.
c) ACES reserves the right to amend any details relating to the course, revise the course fees without prior notice, cancel or postponed the course.
d) Request for withdrawal or replacement must be made in writing. Requests are subject to approval by ACES.
   • Written request for replacement must reach ACES before the course commencement date. There will be no additional charges for suitable replacement.
   • Written request for withdrawal that reaches ACES
     ♦ At least 7 working days before course commencement: Full Refund
     ♦ 4 to 6 working days before course commencement: 50% of the course fee Refund
     ♦ 3 working days before and upon course commencement: No Refund

To be completed by Company and Individual Applicant

COMPANY APPLICANT
Name:________________________________________
Signature:____________________________________
Date:________________________________________

Company stamp (for company application)

INDIVIDUAL APPLICANT
Name:________________________________________
Signature:____________________________________
Date:________________________________________