



Upcoming Courses

Click **HERE** for updated CPD Points

SUSTAINABILITY



COMPUTATIONAL FLUID DYNAMICS (CFD) SIMULATION USING OPEN SOURCE SOFTWARE

Participants will acquire the knowledge on CFD, OpenFOAM as an open source software as well as the experience needed to start their own CFD projects using OpenFOAM. There will be planned tutorials to guide participants through all aspect of the software.

Commencing 17 August 2020



ENERGY EFFICIENCY FOR ELECTRICAL SYSTEMS

This course addresses a wide range of topics in electrical systems found in buildings and ways to operate them in an efficient manner to reduce energy consumption. The participants will learn about efficient power distribution arrangements, addressing the power quality issues, building load management techniques, uninterruptible power system and renewable energy generation system.



E-Learning

Commencing 26 August 2020

CIVIL & STRUCTURAL ENGINEERING



REGISTERED EARTHWORK SUPERVISOR COURSE

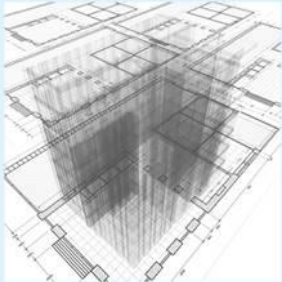
The course aims to provide an overview of the relevant earthworks legislation and code of practice relating to construction earthworks carried out in the vicinity of the electricity cables/ gas pipes. Participants will learn about the key requirements of the relevant legislation, control measures and good practices to prevent damage to the underground cables, gas pipes and services. Case studies will also be discussed.



E-Learning

Commencing 17 August 2020

BIM & PRODUCTIVITY



COMPUTATIONAL BIM

This workshop covers the practical applications, modelling workflow and integration of model with BIM software to enhance the design process. Participants will be equipped with practical computational BIM skills and technical knowledge through the hands-on sessions. Industry practitioners will also be invited to share on their experience in adopting computational BIM in their projects or workflows.



E-Learning

Commencing on 1 September 2020



THE BASICS OF DESIGN FOR MANUFACTURING AND ASSEMBLY (DfMA)



OFFSITE MANUFACTURING. ON-SITE ASSEMBLY FOR MAXIMUM PERFORMANCE

- Gain valuable insights into key concepts and principles of DfMA, for improved productivity
- Appreciate the benefits of DfMA; and design considerations for successful DfMA implementation
- Explore in-depth real-case studies in Singapore's context

Commencing 17 August 2020



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