4-Day Course on Energy Management & Audit

With the steep rise in fuel price and power costs, Energy Management & Audit have become essential and unavoidable in most commercial and industrial buildings. This course will provide green professionals, building owners and facility managers with the know-how of energy management and audit techniques. Upon completion of the course, participants will be able to:

- Explain energy management approaches, energy audit need and types of energy audit
- Do financial analysis and cost prediction for energy saving
- Conduct audit investigation and energy measurement using different tools
- Perform energy performance diagnosis and analysis
- Prepare and provide sound recommendations and report

Date: 15, 16, 19 & 20 Mar 2012

To register, click here!

3-Day Course on Computational Fluid Dynamics (CFD) Airflow Modeling for Green Buildings

The course is offered as part of BCA’s Certified Green Mark Professional Programme to raise industry capability in the niche area of Sustainable Design and Development.

The course aims to (a) provide participants with an overview of the use of CFD tools in the context of built environment and more specifically in the process of designing and delivering a green building; (b) equip participants with CFD modeling techniques and relevant software skills; (c) expose participants to representative building airflow modeling examples with an established CFD software tool; and (d) familiarize participants with the CFD simulation requirements in BCA’s Green Mark Standards.

Date: 20, 21 & 22 Mar 2012

To register, click here!

1-Day Course on Retrofitting & Strengthening of Building Structures

Buildings in Singapore are constantly upgraded and retrofitted with new features to reflect changes in needs of the buildings and requirements of their clients. Such addition & alteration (A & A) works may involve the restoration, addition/alteration & strengthening of building components, and reconstruction works. This course aims to provide our building professionals with the necessary knowledge to plan and execute addition & alteration works in buildings as well as bridge structures.

The course will provide a comprehensive study of the technical, safety as well as project management aspects of A & A works. Local case studies of such works in tall buildings and special structures will also be shared.

Date: 26 Mar 2012

To register, click here!

Half-Day course on Understanding the Green Mark Criteria for Existing Buildings and Office Interior

This course will provide participants with a better understanding of the criteria and scores for the Green Mark for Existing Buildings (version 2) and the Green Mark for Office Interior Scheme. Case studies will be used to illustrate the scoring criteria under the schemes.

Date: 28 Mar 2012

To register, click here!

1-Day Course on Design of Bolted and Welded Joints in Steel Buildings using Eurocode 3

Connections form a very important part of any steel structure and integrity of the structure depends on them. Accurate details and specifications are required for fabrication to ensure trouble-free erection. The workshop will focus on connection design specifications as per the new Eurocode 3: Part 1-8: Design of joints. Results of recent research on steel connections detailing and fabrication will also be introduced. The course will be taught with practical examples of connection designs which are reliable as well as economical.

Date: 3 May 2012

To register, click here!

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