2-day Workshop on Protection against Lightning for Buildings

Singapore experiences the highest incidence of lightning strikes in the world. These lightning strikes have caused major disruptions to main systems equipment and considerable damage to building structures.

The 2-day workshop will provide participants with an understanding of the effects of lightning and various lightning protection methods for building structures. It will also cover various analytical methods for the performance assessment of lightning protection systems. *The new Singapore Lightning Protection Code SS 555:2010 which is mandatory for building structures in Singapore will be discussed.*

**CPD Points**
PEB: Pending

**Date:** 10 & 11 Sep 2013
To register, [click here!](mailto:)

3-Day Conference

International Green Building Conference (IGBC) 2013 – *Build Green, Live Green*

As the region’s premier green building event, the IGBC 2013 will be held in Singapore’s Marina Bay Sands from 11 to 13 September 2013. More than 1,000 participants from over 30 countries are expected to attend the event - from thought leaders, real estate developers to urban planners, architects, engineers, builders and other industry professionals - committed to understanding and putting into action real-world, tangible green building solutions. The conference provides an excellent platform for industry stakeholders to network, and be updated with latest green developments in the region.

**CPD Points**
*PEB: 14 PDUs  
*BOA-SIA: 6 CPD Points  
(*attendance of 3-day conference is required)

**Date:** 11 – 13 Sep 2013
To register, [click here!](mailto:)(For more information, please contact Ms Angie Yeo at +65 6780 4613 / angie.yeo@reedexpo.com.sg)
2-Day Course on
Efficient Building Envelope Design, ETTV & RETV

The adoption of passive controls in reducing energy requirements in buildings has become increasingly important. This course will provide participants with a better understanding of the performance aspects of modern façade systems including the construction, manufacturing process, material, installation and thermal efficiency. A special focus will also be placed on the application of innovative day lighting systems while minimising glare and solar heat from daylight. The course will also cover the concept of ETTV/RETV and discuss strategies to reduce the value.

CPD Points
PEB: Pending
BOA-SIA: Pending

Date: 17 & 18 Sep 2013
To register, click here!

4-Evening Course for
Site Investigation For Engineers

This course will provide practicing engineers a good insight into the importance of geotechnical site investigation and its process. Participants will also learn to interpret soil investigation reports to ensure safety of geotechnical works and surrounding structures.

CPD Points
PEB: Pending
IES-ACES (for REs/RTOs) – 12 STUs

Date: 17, 19, 24 & 26 Sep 2013
To register, click here!
2-Day Course on **Behavioural Safety for the Construction Industry**

Behavioural Safety is a *methodology used to improve safety culture* through change of behaviour of working personnel in an organisation. This methodology has been applied successfully in other industries like petrochemical and manufacturing and is gaining popularity in the construction industry.

Learning the behavioural safety approach will help participants to apply the concept of monitoring safe & unsafe behaviours of working personnel at their workplace and help to prevent accidents.

**CPD Points**

PEB: Pending  
WSH-CPD *(for WSH officers)*: Pending  
IES - ACES *(for REs & RTOs)*: Pending

**Date:** 3 & 4 Oct 2013  
**To register,** [click here!](#)

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13-Evening Certification Course on **Design of Precast Concrete Structures for Engineers**

Structural design of precast concrete structures is significantly different from the design of cast-in-situ structures. The difference lies in the structural continuity of individual precast concrete components that are connected by a number of joints. The connections act as bridging links between the components. Hence structural engineers who design precast concrete structures should have a good understanding of the behaviour and design principles of connections to ensure stability and safety of the structure.

This course will address the structural design issues of precast concrete technology. It also aims to train the practitioners on the practical design of precast concrete structures in an interactive manner.

**CPD Points**

PEB: Pending  
IES - ACES *(for REs & RTOs)*: Pending

**Date:** 22 Oct – 12 Dec 2013  
**To register,** [click here!](#)

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For enquiries or feedback, please email us at [bca_academy@bca.gov.sg](mailto:bca_academy@bca.gov.sg). Visit the [BCA Academy's website](#) now for other seminars/courses details.