BCA-REDAS-SGBC Green Building Seminar 2013: UNFOLD THE TRUE VALUES OF GREEN RETROFITS

To play a part in shaping a greener and more sustainable Singapore, the annual BCA-REDAS-SGBC Green Building Seminar aims to provide a platform for practitioners to gain insights of overseas and local advancement towards green building, its technologies and concepts, business cases and models, as well as exemplary projects. This year, the seminar focuses on retrofitted buildings and speakers from different discipline will share their knowledge and experience.

CPD Points
BOA-SIA: Pending
PEB: Pending

Discounted Fee is Available

Dates: 4 April 2013
To register, click here!
2-day Course on **Efficient Building Envelope Design, ETTV & RETV**  
(*Core Module of GMP Programme*)

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 daylighting systems while minimising glare and solar heat from daylight. The course will also cover the concept of ETTV/RTTV and discuss strategies to reduce the value.

**CPD Points**  
BOA-SIA: 4 CPD Points  
PEB: 14 PDUs

**Date:** 27 & 28 Mar 2013  
**To register,** [click here!](#)
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: 2 Apr – 23 May 2013
To register, click here!
2-Day course on

**Construction Contract Administration**

A building project, whether under design build contract or conventional contract type, has to undergo three specific stages namely, design, tender and construction. In all three stages, good contract administration is required to manage design specification, contractual agreement, competitive tendering, evaluation, cost control, variations, final accounts, claims and even disputes. Poor management in any of these aspects would lead to unnecessary claims and disputes and eventually higher construction costs.

**CPD Points**

PEB: Pending
BOA-SIA: Pending

Date: 4 & 5 Apr 2013
To register, [click here!](#)
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. Understanding of lightning phenomenon and proper setup of lightning protection system are critical for the protection of lives, properties and equipment.

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:** 15 & 16 Apr 2013
To register, [click here!](#)
4-Evening course on **Essential Knowledge in Building Legislation & Procedures for Building Plan Submission**

This course aims to give the Qualified Persons and technical support staff a better understanding of the building regulations. It allows participants to know the submissions process at different building plan stages and how it can be done more effectively and efficiently.

**CPD Points**
- PEB: Pending
- BOA-SIA: Pending

Date: 16, 18, 23 & 25 Apr 2013

To register, [click here!](#)
2-Day Course on **Design of Steel Buildings using Eurocode 3**

This course is aimed at providing civil and structural engineers a good understanding of the general rules, main features and changes contained in Eurocode 3 and the accompanying Singapore National Annexes. Reference will be made to the accompanying codes EC0 (Basis of Structural Design) and EC1 (Actions on Structures).

The course will cover the basis of structural component and frame design, structural loading, material properties, design at the ultimate limit state and the serviceability limit state. Practical examples with direct reference to the code clauses will be used to illustrate the application of the code requirements.

Case studies are provided to illustrate clearly the theory of structural stability and design and how they can be applied to avoid structural collapse.

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

**Date:** 23 & 24 Apr 2013
**To register,** [click here!](#)

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