2-Day Course on Design of Steel Buildings using Eurocode 3

As part of initiatives to prepare industry professionals to adopt Eurocode Standards, this course aims to provide 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. 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.

Accreditation
PEB: 14 PDUs
IES-ACES (for REs & RTOs): 12 STUs

Date: 16 & 17 Jul 2012
To register, click here!
1-Day Course on **Good Industry Practices – Aluminium Window**

The Building and Construction Authority (BCA) has been promoting the use of Construction Quality Assessment System or CONQUAS as the de facto national yardstick for measuring the workmanship quality of building projects.

To complement this, BCA Academy has developed a series of publications called Good Industry Practices Guides. The objective of these guides is to share with the industry good work practices adopted by contractors and practitioners who are able to consistently deliver high quality work. This “Good Industry Practices – Aluminium Window” training course is to share with the industry the good practices collated during the compilation of the guidebook.

**Accreditation**

- **PEB:** 7 PDUs
- **BOA-SIA:** 4 CPD Points

**Date:** 24 Jul 2012

To register, [click here!](#)
2-day Workshop on Design of Concrete Structures - Eurocodes versus British Standards

To prepare local structural engineering practitioners for the adoption of the Eurocodes in the design of reinforced concrete building structures, this 2-day workshop will approach the design of concrete building structures using Eurocodes in a comparison with BS 8110, which has been a familiar code of practice in Singapore. The workshop will contain lectures as well as hands-on tutorial sessions to provide participants with practical design experience.

This workshop is jointly organised by BCA Academy and Protective Technology Research Centre of Nanyang Technological University.

Accreditation
PEB: 14 PDUs
IES-ACES (for REs & RTOs): 12 STUs

Date: 1 & 2 Aug 2012
To register, [click here]!
3 ½ Day Certification Course on Measurement & Verification of Central Chilled-Water Plant Efficiency

One of the pre-requisite requirements in Green Mark for New Non-Residential Buildings version 4, which came into effect on 1st December 2010, calls for the provision of permanent measuring instruments for measuring chilled-water plant thermal load and energy use and for calculating chilled water plant efficiency.

This course will equip participants with the knowledge and skills required to implement Measurement and Verification (M&V) measures in central chilled-water plants in conformance with Green Mark version 4 and the relevant international standards.

Accreditation
PEB: Pending

Date: 13, 14, 15 & 22 Aug 2012
To register, click here!
Certification Course in **Gas Technology**

This course covers the current technical and safety requirements for Town Gas and Natural Gas Utilisation work. It is a mandatory requirement for a Diploma holder in Mechanical Engineering who is interested in becoming a Licensed Gas Service Worker.

Participants will acquire the necessary technical and safety knowledge for good town gas and natural gas utilisation practices. Successful completion of this Gas Technology course is one of the requirements stipulated by EMA for any course participant who wishes to be a Licensed Gas Service Worker (LGSW).

**Date:** 14 Aug – 15 Sep 2012

To register, [click here!](#)
1-Day Workshop on
Planning, Design and Commissioning of Household and Storey Shelters in Public Housing Developments

Since 1998, it was mandated to provide household (HS) and Storey Shelter (SS) in public and private residential developments. This workshop serves as a platform to update building professional recent revisions and discuss good design and construction practices of CD shelters in public housing developments.

**Accreditation**
- **PEB**: 6 PDUs
- **IES-ACES (for REs & RTOs)**: 6 STUs
- **BOA-SIA**: 2 CPD Points

**Date**: 15 Aug 2012

To register, [click here!](#)

If you are unable to open the link, please visit our website at [www.bcaa.edu.sg](http://www.bcaa.edu.sg)