1-day Seminar on

**Integrated Advance Testing and Data Acquisition for 3-D Geological Modelling of Singapore**

The seminar will share with the industry on some advance site investigation technologies, integrated geoscience mapping systems and geological models for deep underground developments.

This seminar will also present the standardised electronic format AGS(SG) for site investigation data for use in Singapore. The implementation of AGS(SG) will facilitate the ease and seamless transfer, interchange, storage and retrieval of site investigation data which will in turn promote greater sharing and use of geo-data in Singapore.

A guidebook titled “Guidelines for Electronic Transfer of Site Investigation Data” will be given to seminar participants.

**CPD Points**
PEB: Pending
IES & ACES (for REs & RTOs): 3 STUs

**Date:** 16 Apr 2013
To register, [click here](#)!
3-Evening Workshop on **Site Management of Precast Concrete Construction**

Good site management practices and planning of precast concrete construction activities such as on-site/off-site casting of precast members, transportation of the members to site, erection and construction considerations would contribute to more efficient, less labour intensive and faster construction. This would eventually lead to better construction productivity.

This interactive workshop provides construction managers with practical knowledge in the planning, execution and control of precast concrete construction. At the end of the programme, participants will be able to plan and manage precast concrete construction site activities effectively.

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

**Date:** 13, 16 & 20 May 2013
**To register,** [click here!](#)
1-day workshop on **Programme Risk Management - Technical Use of Programmes to Control, Manage and Optimise the Project**

This workshop will concentrate on good programme management and optimisation strategies and techniques for effectively managing and mitigating the risk and challenges in managing a project towards successful completion. It will also cover tools for avoiding and analysing issues in disputes, and for resolving disputes quickly with minimum cost.

A case study will be used to help participants gain a better understanding of the potential problems and risks arising due to project delays.

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

**Date:** 16 May 2013  
**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.

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

Date: 17 May 2013
To register, click here!

2-Day Course on Design of Steel-Concrete Composite Buildings using Eurocode 4

Eurocode 4 is the new standard for design of composite structures. It covers many forms of composite structural design and provides the most comprehensive and up to date set of design guidance currently available. This course aims to provide civil and structural engineers an introduction to the Eurocode provisions for the design of steel-concrete composite building structures.

CPD Points
PEB: Pending
IES & ACES (for REs & RTOs): 12 STUs

Date: 20 & 21 May 2013
To register, click here!
2-day Course on Indoor Air Quality (IAQ) Solution for Sustainable Buildings

Good indoor air quality (IAQ) is a key aspect of sustainable design. The Green Mark for Buildings Scheme by BCA includes Indoor Environment Quality embracing IAQ as one of the key criteria in the assessment score to encourage healthier and less polluting practices in the built environment.

This course will enhance your understanding of the fundamentals of IAQ. You will be able to identify the two major indoor contaminants - chemical and microbiological contaminants. Describe their sources and health hazards and take appropriate remediation measures. Conduct IAQ investigation and take measurements of common indoor contaminants. You will gain practical insights on specific IAQ problems and solutions from real case study examples.

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

**Date:** 20 & 21 May 2013

To register, [click here!](#)

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