1-day Course on **Way-finding and Signage Design**

Way-finding and signage design should be considered holistically as part of the building and facilities planning process. This is to ensure that people can have safe and easy access to amenities and facilities provided in a building. Through this course, the participants will have a good appreciation of how way-finding plays a vital role in Universal Design (UD), especially in supporting the ageing population; learn of the principles, design considerations and communication strategies of way-finding and signage; and be familiar with the design requirements set out in SS 599:2014 Guide for Way-finding Signage in Public Areas. The instructor, Mr Ken Chong will also share his experiences through the use of positive and negative case-studies.

**CPD POINTS**
SILA: 2 CPD Points
BOA-SIA: Pending

1st Run Date: 17 Nov 2015
Venue: BCA Academy

To register, [CLICK HERE!](#)
2-day Workshop on
**Behavioural Safety for The Construction Industry**

While safety is influenced by a number of factors, positive behaviour from workers towards safety is considered one of the key factors in preventing accidents at workplace. A successful introduction of behavioural safety process, focusing on identifying and reducing unsafe behaviour and reinforcing safe behaviour, is one way to improve safety at workplace.

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, namely in petrochemical and manufacturing sector, and is gaining popularity in the construction industry.

**CPD POINTS**
PEB: 14 PDUs
WSH-CPD (*for WSH Officers*): 14 SDUs
IES-ACES (*for REs/RTOs*): 12 STUs

**14th Run Date:** 6 & 7 Oct 2015
**Venue:** BCA Academy

To register, [CLICK HERE]
4-Evening Course on Pile Foundation Design and Construction for Engineers

All structures are to be supported on sound foundation for their safety and subsequent performance. A good understanding of the pile foundation design principles and construction practices is essential for every practitioner, designer, builder and supervisor involved so that structures will be built and maintained safely throughout the life of the structure.

This course aims to provide participants with an insight into the engineering principles of pile foundation design as well as good construction practices adopted locally with special emphasis on cast-in-place reinforced concrete bored pile compression.

**CPD Points**
PEB: 12 PDUs
IES-ACES (for REs/RTOs): 12 STUs

28th Run Date: 6, 8, 13 & 15 Oct 2015
Venue: BCA Academy

To register, [CLICK HERE!](#)
4-Evening Course on **Geotechnical Instrumentation for Engineers**

Geotechnical instrumentation plays an important role in the design verification and safety monitoring of geotechnical works. Being a specialised area, engineers and QPs need to be more familiar with instrumentation used for deep excavation, their installation monitoring and interpretation to ensure safety of excavation works and adjacent structures.

**CPD Points**
PEB: 12 PDUs
IES & ACES *(for REs/RTOs)*: 12 STUs

**17th Run Date:** 7, 9, 14 & 16 Oct 2015
**Venue:** BCA Academy

To register, [CLICK HERE!](#)
1-day Course on
Requirements for Environmental Sustainability in Buildings And The Green Mark Scheme

This course aims to:

- provide crucial information and knowledge on the new legislative requirements on Environmental Sustainability for Buildings;
- provide an understanding on the interpretation of the Green Mark Criteria and Scores for new building developments – Residential & Non-residential Buildings;
- provide a better understanding on the submission procedures and walk through of the Green Mark (GM) e-filing system.

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

34th Run: 23 Oct 2015
Venue: BCA Academy

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) – Pending

6th Run Date: 27 & 28 Oct 2015
Venue: BCA Academy

To register, [CLICK HERE](#)
1-day Workshop on
Introduction to Parametric Design for Architecture:
Its Application, Workflow and Integration with BIM

Parametric design allows architects and designers to specify the key parameters and
rules of their design, and make changes interactively and automatically. This enables
multiple design solutions to be generated, as well as digital workflow from design to
manufacturing, when integrated with BIM. Exemplary projects which adopted
parametric design include the Water Cube, Singapore Sports Hub and the Henderson
Bridge.

This 1-day workshop covers the practical applications, modelling workflow and how
the model could be integrated with BIM to enhance the design process. There will also
be hands-on practice for the participants to be familiarised with parametric tool.

**CPD Points**
BOA-SIA: Pending

2nd Run Date: 4 Nov 2015
Venue: BCA Academy

To register, [CLICK HERE!](#)