4-Evening Course on
Supervision of Piling Works for Engineers and Supervisory Personnel

Various challenges are present in pile foundation works due to the uncertainties and variability of the ground conditions. Once the piles are installed, they are expected to function throughout their lives. During the lifetime of the building, the foundation is rarely inspected for its continued structural integrity and stability. Supervision of piling works for building foundation is therefore essential and critical in ensuring the quality of construction works and safety of building structures.

This short course imparts to participants the essential knowledge of good construction practices, supervision of piling works, regulatory requirements and testing of pile foundation works.

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

**Date:** 8, 10, 15 & 17 Jul 2014
**Venue:** BCA Academy

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.

**CPD Points**
PEB: 14 PDUs
IES-ACES (for REs/RTOs): 12 STUs

**Date:** 11 & 14 Jul 2014  
**Venue:** BCA Academy

To register, [CLICK HERE](#)

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4-Day bizSAFE Level 4 Course on
Develop A Workplace Safety and Health Management System Implementation Plan

As part of WSH Council (WSH-C)’s 5-level bizSAFE programme to assist Small and Medium Enterprises (SMEs) to build up their WSH capabilities, this course is meant for individuals who are appointed as WSH Management System Programme Lead and responsible for implementing WSH Management System in accordance with the SS 506 requirements.

**CPD Points**
PEB: 28 PDUs
WSH-CPD (for WSH officers): 28 SDUs
IES-ACES (for REs/RTOs): 12 STUs

**Date:** 16, 17, 23 & 24 Jul 2014  
**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

Date: 4 & 5 Aug 2014
Venue: BCA Academy

To register, CLICK HERE!

4-day Certification Course in
BIM Modelling (Structure Track)

Building Information Modelling (BIM) is a process that involves the generation and management of the information about a facility. BIM allows for great integration and collaboration among different building professionals of various disciplines to explore digitally, and can be used throughout the entire building process from design stage through construction stage and even post-construction building management.

By 2015, majority of the building plans have to be submitted in BIM format for regulatory approval. This Certification Course in BIM Modelling (Structure track) aims to develop BIM capability and capacity in the industry so that firms could be ready for the full BIM implementation by 2015.

Date: 4 - 7 Aug 2014
Venue: BCA Academy

To register, CLICK HERE!
2-day Engineering Workshop on
Material Recycling for Sustainable Construction

The course is designed to cover key areas that professionals will consider when adopting recycled materials, which include concept and approach, engineering consideration and application.

Engineers and builders can derive value and knowledge from the course through familiarisation with the selection and application of sustainable materials to prepare for the upcoming revised BCA Green Mark assessment criteria.

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

**Date:** 6 & 7 Aug 2014  
**Venue:** BCA Academy / Samwoh Eco-Green Park

To register, CLICK HERE!

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2-day Course on  
Sustainable Facility Management Solutions

The role of facilities managers is to manage the operations of buildings and to minimise operational life cycle costs, as well as the impact of buildings on the built environment. With globalised competitiveness in business operations, FM professionals need to be knowledgeable about business management, strategic planning, construction management and engineering towards sustainability in FM.

The 2-day course aims to provide the participants with the knowledge on how to make a business case for sustainability; establish programs to reduce, reuse and recycle; the analysis of the life cycle costing of sustainable buildings and carrying out building commissioning.

**CPD Points**
PEB: Pending

**Date:** 13 & 14 Aug 2014  
**Venue:** BCA Academy

To register, CLICK HERE!

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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.