1-day ASHRAE Distinguished Lecturer Program on
Environmental Control and Energy Performance in Hospital and Healthcare Facilities

The healthcare environment requires special environmental consideration as air movement, airborne contaminants, temperature and humidity conditions may vary within the same building. Air-conditioning in hospitals and healthcare facilities plays a crucial role in infection control strategies by controlling airborne microorganisms, viruses, and hazardous chemicals that may be present in the indoor environment.

In this 1-day ASHRAE Distinguished Lecturer Program, the environmental quality, filtration systems, airborne contaminant control energy performance and design for healthcare facilities will be discussed.

**CPD Points**
PEB: 6 PDUs

**Date:** 26 Aug 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 EEs/RTOs)* – 12 STUs

**Date:** 29 Aug & 1 Sep 2014  
**Venue:** BCA Academy

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 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: 9 PDUs
- WSH-CPD (for WSH officers): 9 SDUs
- IES & ACES (for RES/RTOs): 9 STUs
- SPM: Pending

**Date:** 1, 4 & 8 Sep 2014  
**Venue:** BCA Academy

To register, [CLICK HERE!](#)
6-Month Part-time Certificate Course in Building Measurement

BCA Academy offers supervisory training courses to prepare you to become competent supervisors that are highly sought after in Singapore’s rapidly growing building and construction industry. The curriculum is designed to strengthen your key competencies and organisational skills as a supervisor, while empowering you with essential knowledge of industry practices.

This course will enhance participants’ knowledge and competencies in carrying out building measurement work. It allows participants to move into roles of higher supervisory or management-related positions and opens up opportunities for those who wish to switch careers as a “Taker-off”, and estimator or a quantity surveyor.

Date: Starting on 2 Sep 2014
Venue: BCA Academy

To register, CLICK HERE!
4-Month Part-time Certificate Course in Interior Finishing Co-ordination

BCA Academy offers supervisory training courses to prepare you to become competent supervisors that are highly sought after in Singapore’s rapidly growing building and construction industry. The curriculum is designed to strengthen your key competencies and organisational skills as a supervisor, while empowering you with essential knowledge of industry practices.

This course will develop participants’ coordination skills in interior finishing and enhance their confidence to undertake new roles. It allows graduates to move to higher supervisory and management roles in this specialised area of work. It also opens up opportunities for a career switch to be coordinators for interior design and decoration firms.

Date: Starting on 15 Sep 2014
Venue: BCA Academy

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: 6 PDUs
BOA-SIA: 3 CPD Points

**Date:** 22 Sep 2014  
**Venue:** BCA Academy

To register, [CLICK HERE!](#)
1-day Workshop on **Seismic Design of Buildings to Eurocode 8**

By 1 April 2015, the SS/BS will be withdrawn from the Approved Document, and the SS ENs will be the only prescribed design standards. There is, therefore, an urgent need for the industry to get prepared for the adoption of Eurocodes. Compliance to Eurocode 8 (EC8), which specifically deals with earthquake resistant design, will be required when SS ENs are adopted.

**CPD Points**
PEB: 7 PDUs
IES-ACES (*for RES/RTOS*) – 6 STUs

**Date:** 25 Sep 2014  
**Venue:** BCA Academy

To register, [CLICK HERE!](#)
Part-time & Full-time Bachelor Degree Conferred by
The University of Newcastle, Australia

BACHELOR OF CONSTRUCTION MANAGEMENT
(BUILDING)

The construction industry is the industry of the future. Every construction project combines a variety of complex challenges. Construction managers coordinate the delivery of these projects, which require a combination of technical understanding of construction processes and resource management, as well as managing their legal and financial aspects.

The Bachelor of Construction Management (Building) will provide you with the skills and knowledge to carry out opportunities both in Singapore and across the world. The programme incorporates substantial Building Information Modelling (BIM) content in teaching and projects which offer a niche specialty beyond the construction management discipline.

Venue: BCA Academy

Full-time: Starting in Nov 2014
Part-time: Starting in Jan 2015

To register, CLICK HERE!
1-day BCA-SCI 1½ Day Joint Workshop on
Recycled and Secondary Aggregates and their use
in Construction

Over 30 billion tonnes of non-renewal resource in the form of aggregates are used per
annum worldwide in the construction sector. A significant amount of this can
potentially be replaced by recycled and secondary aggregates (RSAs). Funded jointly
by BCA’s Sustainable Construction Capability Development Fund and the Singapore
construction industry, a state of art review of global knowledge from over 4000
publications on RSAs and their use in construction, undertaken by Prof R K Dhir, OBE
and his team over 2½ years, has recently been concluded.

In this workshop, he will discuss the salient aspects of this review relating to potential
use of recycled aggregates (RA), glass cullet (GC) and sewage sludge incinerated
bottom ash (SIBA) in concrete, geotechnical, road pavement and other applications.

CPD Points
PEB: 10 PDUs

Date: 25 & 26 Sep 2014
Venue: BCA Academy

To register, CLICK HERE!
2-Day Workshop on **Behavioural Safety for the Construction Industry**

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 like petrochemical and manufacturing and is gaining popularity in the construction industry.

Learning the behavioural safety approach will help participants to apply the concept of monitoring safe & unsafe behaviours of working personnel at their workplace and help to prevent accidents.

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

**Date:** 1 & 2 Oct 2014  
**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

Date: 1, 3, 8 & 10 Oct 2014
Venue: BCA Academy

To register, CLICK HERE!
2-Day Course on **Advanced Concrete Design using Eurocode 2**

Jointly organised by BCA Academy and Protective Technology Research Centre (PTRC) of Nanyang Technological University (NTU), this course covers the design of prestressed concrete structures, slender columns, strut and tie of concrete regions that do not conform to flexure, core walls, foundations, retaining walls, progressive collapse, as well as both prescriptive and performance-based design of fire resistance of concrete structures. In addition, the participants will be equipped with fundamental understanding of structural behaviours.

**CPD Points**

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

**Date:**  2 & 3 Oct 2014  
**Venue:** BCA Academy

To register, [CLICK HERE!](#)
3-day Course on Management of Water and Environmental Services for Estate Managers

(Partnership with PUB and SEI)

Property and facilities management is a growing industry in Singapore. With the increasing number of strata residential developments in Singapore and rising expectations from the home occupiers for proper maintenance of the estate, it is essential to equip the estate managers in effective management of their facilities and premises, in particular to the water supply, sanitary, drainage systems and environmental control.

The course aims to provide an overview of the relevant local authorities’ regulatory requirements and guidelines. It will highlight the good management and maintenance practices for water, drainage and sewerage services, wet facilities and waste collection system. Water Efficiency Measures will also be covered.

**CPD Points**
PEB: 19 PDUs

**Date:** 8, 9 & 10 Oct 2014  
**Venue:** BCA Academy

To register, [CLICK HERE!](#)
Half-Day Course on **Requirements for Environmental Sustainability Standard for Existing Buildings & Periodic Energy Audit**

On 1st July 2013, regulatory requirements and implementation timeline of the prescribed Green Mark Standard for Existing Buildings and periodic energy audit of building cooling system were gazetted and will take effect from 2nd January 2014.

This course will provide participants with salient information and knowledge on the Building Control Act 2012, Building Control (Environmental Sustainability Measures for Existing Buildings) Regulations 2013, Code on Periodic Energy Audit of Building Cooling System and the Green Mark e-filing system.

**CPD Points**
- PEB: 4 PDUs
- BOA-SIA: 2 CPD Points

**Date:** 16 Oct 2014  
**Venue:** BCA Academy

To register, [CLICK HERE!](#)