1-day ASHRAE Distinguished Lecturer Program on
Integrated Design Modelling and Emerging ACMV Technologies for Energy Efficient Healthy Buildings

Proper simulation tools are highly desired to ensure acceptable thermal performance of natural and hybrid ventilation concepts to assist the design and optimization of such buildings. The building energy and computational fluid dynamics simulations play an important role in building design providing more accurate prediction of energy use of the building. The concept of decoupling “ventilation air” from “supply air” is fast emerging as an ideal solution to combat thermal comfort and indoor air quality issues in a sustainable manner.

This 1-day ASHRAE Distinguished Lecturer Program will focus on the use of integrated design modelling simulation tools and emerging air-con technologies for energy efficient and healthy buildings.

**CPD Points**
PEB: 7 PDUs

**Date:** 7 Apr 2015  
**Venue:** BCA Academy

To register, [CLICK HERE!](#)
1-day Workshop on
Preparing and Defending Loss and Expense Claims

Even as the economies of the world recover from the recent economic crisis, many on-going projects run the risk of going into disputes, claims, delay and disruption. “Loss and Expense” claim is one of the cost claims that are likely to be encountered by contracting parties of a construction project.

At the end of the workshop, participants would:
• be equipped with the necessary knowledge to manage Loss and Expense claims;
• be able to recognize the “do’s and don’ts” in the claiming process;
• acquire knowledge of legal and technical aspects of claims from experts

**CPD Points**
Peb: 6 PDUs
Boa-Sia: 4 CPD Points

**18th Run:** 9 Apr 2015
Venue: BCA Academy

To register, [CLICK HERE!](#)

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2½ -day Course on
Essential Knowledge in Local Regulations and Construction Practices

Up-to-date knowledge of local regulations and construction practices are keys to the site supervisors especially the Resident Engineers (RE) and Resident Technical Officers (RTO) to deliver their duties diligently and effectively.

This course will provide site supervisors essential knowledge in the areas of regulatory requirements, safety regulations, environmental management at construction sites, code requirements on construction practices and site supervision. With recent amendments in the Building Control Regulations to recognise graduates from more foreign universities as REs and RTOs for local projects, this course will be useful to engineers with foreign qualifications, and others who wish to be updated on local construction practices.

**CPD Points**
Peb: 16 PDUs
IES-ACES (for REs/RTOs): 12 STUs
WSH-CPD (for WSH officers): Pending

**23rd Run:** 13, 14 & 15 Apr 2015
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: Pending
IES-ACES (for REs/RTOs) – Pending

**5th Run Date:** 22 Apr 2015  
**Venue:** BCA Academy

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

**9th Run Date:** 27 & 28 Apr 2015  
**Venue:** BCA Academy

To register, [CLICK HERE!](#)
1-day Course on Opportunities and Pitfalls of Tendering for MRT Projects and Other Major Infrastructure Projects

MRT tender preparation and submission need to be carefully and effectively managed to avoid exposing organisation to severe financial penalties and turning a potentially profitable project into a loss-maker. In order to be profitable, a sound tender is vital and risk factors must be eliminated where possible. Thus, this specially tailored 1-day course aims to provide construction industry stakeholders insights into a contractor’s experience in tendering for MRT projects and other infrastructure projects.

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

5th Run Date: 28 Apr 2015
Venue: BCA Academy

To register, CLICK HERE!
4-evening Course on Understanding Obligations and Liabilities in Building and Construction Works with focus on Building Control Act

The stakeholders of construction projects often incur liabilities due to their failure to recognise and comply with certain implied obligations which maybe arouse during the design and construction processes. It is, therefore, imperative for the project parties to understand the implied obligations and liabilities prior to the commencement of construction projects.

This course will provide the participants with an insight into the obligations and liabilities of the key players in building and construction works, with focus on the Building Control Act. It will cover the various obligations under contract, tort and statutory duty in building and construction works. The main focus will be on the regulatory framework of the Building Control Act and the recent developments of the Act.

CPD Points
PEB: Pending
BOA-SIA: Pending

1st Run Date: 12, 14, 19 & 21 May 2015
Venue: BCA Academy

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.