2 day Workshop on Designing and Constructing CLT and Glulam Structures

Cross Laminated Timber (CLT) and Glued Laminated Timber (Glulam) are engineered wood systems that can raise construction productivity. These systems offer greater design flexibility, rapid installation, and waste and weight reduction as seen in many construction projects overseas. This 2-day workshop aims to elevate the knowledge and skill of the participants in the design and construction of CLT and Glulam structures. It will address the various considerations which may have caused reservations in its adoption.

CPD Points
PEB: 9 PDUs
BOA-SiA: 4 CPD Points

2nd Run Date: 14 & 15 Jun 2016
Venue: BCA Academy/JTC Launchpad

To register, CLICK HERE!

- Include site visit to CLT project under construction: JTC LaunchPad @ One-North Phase 2
- Workshop will be conducted by Mr. Bernd Giusinde, Managing Partner, Timber Concept GmbH
- Up to 90% WTP Funding is available (T&Cs apply)
2-day Course on Sustainable Facility Management Solutions

The role of facility 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
SCM-CPD: 14 SCM PDUs

13th Run Date: 23 & 24 Jun 2016
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:** Pending  
**IES-ACES (for REs/RTOs):** Pending (Structural)

**17th Run:** 24 & 27 Jun 2016  
**Venue:** BCA Academy

To register, [CLICK HERE!](#)
2-day Certification Course on **BIM for MEP Coordination**

With advent of BIM, the design and installation conflicts among construction elements could be effectively identified, visualized and managed with the use of 3D BIM model. Mechanical, Electrical and Plumbing (MEP) coordination has been identified as one of the most complex tasks of the project delivery process.

This BIM for MEP Coordination course aims to provide participants with the necessary knowledge and skills on how to achieve MEP spatial coordination through BIM with a greater degree of accuracy and collaboration. A series of hands-on, collaborative exercises will be conducted to simulate the real-world scenario of the coordination process from model review all the way to BIM translation to field. As such, participants are able to familiarize themselves with better, more efficient practices in MEP modelling, coordination, and collaboration, which will ultimately contribute to productivity and minimize reworks on site.

**CPD Points**  
PEB: Pending

**2nd Run Date:** 28 & 29 Jun 2016  
**Venue:** BCA Academy

To register, [CLICK HERE!](#)
5-evening Workshop on
Geotechnical Design using Eurocode 7

This workshop aims to prepare structural and geotechnical engineering practitioners for the adoption of the Eurocode 7 in Singapore. After attending the workshop, the participants will be able to:

- appreciate the design approach based on the Eurocodes
- appreciate the geotechnical design approach based on SS EN 1997 (EC 7) and Singapore National Annexes
- apply EC 7 for the design of spread and pile foundations
- apply EC 7 for the design of retaining structures
- apply EC 7 for the slope stability and embankment design

**CPD POINTS**
PEB: Pending
IES-ACES (REs/RTOs): Pending (Structural)

13th Run Date: 1, 4, 11, 18 & 25 Jul 2016
Venue: BCA Academy

To register, [CLICK HERE!]
1-day course on **PSSCOC Contract Administration Essentials**

The Public Sector Standard Conditions of Contract (PSSCOC) standard contract forms are widely used in the public sector. For good contract administration of public sector construction projects, it is important to have a clear understanding of the administrative procedures under the PSSCOC and appreciate the meaning and implications of the contractual provisions so as to ensure the contract is properly administered, procedures and timelines followed closely and potential disputes are managed and avoided in the first instance.

This course will provide an overview of the key essentials in project delivery and some of the common procurement approaches using the PSSCOC, and discuss the key practice issues typically encountered in the contract administration of construction projects under the contractual framework of the PSSCOC for Construction Works.

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

**Event Date:** 3 Aug 2016  
**Venue:** BCA Academy

To register, [CLICK HERE!](#)
IUAV-BCA Executive Development Programme 2016
SUSTAIN AND RETAIN

- Venice & Padova, Italy
- 19 – 23 September 2016

Today, the global efforts to achieve sustainable development (SD) are gaining momentum. However, SD initiatives adopted by a nation would also require policymakers and built environment practitioners to address the challenging issues of maintaining cultural or building heritage.

This Executive Development Programme will address the importance of striking a balance between the sustainability of our physical environment as well as the conservation of our cultural and built heritage. It will provide a balanced understanding of the green agenda that goes beyond the triple bottom line to also address the cultural, spatial and technological issues that beset our built environment.

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

To register, [CLICK HERE!](#)
Conferred by The University of Newcastle, Australia

BACHELOR OF CONSTRUCTION MANAGEMENT (BUILDING) (HONOURS)

Every construction project combines a variety of complex challenges. Managing a project requires a combination of technical understanding of construction processes and resource management, as well as managing their legal and financial aspects.

This Bachelor degree programme: (a) will equip you with the skills and knowledge to manage complexities in construction projects both in Singapore and across the world; and (b) is designed to be a problem-based learning pedagogy to train students to solve real world challenges, develop holistic understanding of construction project environment and portable life-long learning skills. An advanced standing articulation would be eligible for applicants with relevant diploma qualifications.

Venue: BCA Academy

Full-Time (8th Intake) : Starting 31 Oct 2016
Application Closing : 7 Oct 2016

Part-Time (4th Intake) : Starting 3 Apr 2017
Application Closing : 10 Mar 2017

To register, CLICK HERE!

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