Eligible applicant can tap on SkillsFuture initiatives for BCA Academy courses (T&C apply)

- **SkillsFuture Study Award** – up to $5,000 for out-of-pocket expenses
- **SkillsFuture Credit** - $500
- **Mid-Career Enhanced Subsidy** – up to 90% of course fee

Applicant needs to register for the course and apply for the relevant SkillsFuture initiative accordingly. Please click on the respective SkillsFuture initiative above for further details.
Going Digital: Leveraging Digital DNA for Improved Project Delivery and Infrastructure Asset Performance

**KEYNOTE SPEAKER**

Mr Greg Bentley  
*Chief Executive Officer,  
Bentley Systems, USA*

Mr Greg Bentley joined his four founding brothers at Bentley Systems in 1991, and has been the CEO since 2000. He holds a degree in decision sciences and M.B.A. in finance from Wharton. Greg is a trustee of Drexel University, where he also serves as chairman of the advisory board for the Pennoni Honors College, and a trustee of the National Building Museum.

**DATE** 23 May 2017 (Tuesday)  
**TIME** 2.30pm – 5.00pm  
**VENUE** BCA Academy, Academic Tower, Auditorium  
**FEE** S$50.00 (incl of GST)  
Light refreshment will be served.

This seminar will provide insights on the convergence of new technologies and best practices, as illustrated through the projects in Singapore and around the world.

**TO REGISTER** [Click Here]
2-day Workshop on
Designing and Constructing CLT & Glulam Structures

Cross Laminated Timber (CLT) and Glued Laminated Timber (Glulam) are engineered wood systems which have been identified as innovative products that can raise construction productivity. Such 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 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.

Lecturers will also share case studies on local and overseas projects adopting CLT and Glulam.

CPD Points
PEB: Pending
BOA-SIA: Pending

3rd Run Date: 6 & 7 Jun 2017
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: Pending
- WSH-CPD *(for WSH Officers)*: 14 SDUs
- IES-ACES *(for REs/RTOs)*: Pending (Safety)

**19th Run Date:** 14 & 15 Jun 2017

**Venue:** BCA Academy

To register, [CLICK HERE](#)
2-Day Course on
Design of Steel-Concrete Composite Structures using Eurocode 4

This course introduces the Eurocode provisions for the design of steel-concrete composite building structures. It covers primary design issues and design procedures for composite beams and slabs used in modern building construction, as well as shear connections, column design and the interaction between Eurocode 4 and other Eurocode parts. Practical examples with direct reference to the code clauses will be used to illustrate the application of the code requirements.

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

7th Run Date: 19 & 20 Jun 2017
Venue: BCA Academy

To register, CLICK HERE!
Half-day Course on

bizSAFE Level 1: Workshop for Company CEO/TOP Management

bizSAFE is a programme administered by the Workplace Safety and Health Council (WSHC) tailored to assist the companies to build up its workplace safety and health capabilities. The programme provides a 5-level approach to help companies build up their capabilities progressively. To start the bizSAFE journey, top management of the company is required to attain bizSAFE Level 1.

CPD Points
PEB: Pending
BOA-SIA: Pending

43rd Run: 20 Jun 2017 (pm)
Venue: BCA Academy

To register, CLICK HERE!
2-day course on
BIM for Structural Design and Detailing

In recent years, the built environment sector has seen significant transformation from 2D drafting to 3D modelling. While the Civil and Structural (C&S) BIM e-submission is gaining traction, structural calculations are still generated in PDF to justify the sizes of load bearing elements. It is vital that structural engineers adopt integration of physical and analytical models to maximize the benefits of BIM.

This 2-day programme will enable participants to understand the basics of Software Development Kit (SDK) and Application Programming Interface (API) used by BIM authoring tools and analysis engines in data exchange. Through hands-on sessions conducted by practising PE, participants will be able to perform single data exchange mapping using BIM and structural analysis and design software. In addition, structural detailing in relation to both concrete and steel connections will be discussed, including how these are presented using schedules, hybrid and 3D detailing methods.

CPD Points
PEB: Pending

Date: 27 & 28 Jun 2017
Venue: BCA Academy

To register, CLICK HERE!
2-day course on

**Computational Design for Architecture**

Computational Design or Parametric Design enables architects and designers to explore more design options and variations leading to desired solution. This design approach also makes the creation of complex geometry possible and accurate. Exemplary projects adopting computational design approach will also be shared in this workshop.

This 2-day workshop covers the practical applications, modelling workflow and integration of model with BIM software to enhance the design process. Participants will be equipped with practical computational design skills and technical knowledge through the hands-on sessions.

**CPD Points**

**BOA-SIA: Pending**

**1st Run Date:** 11 & 12 Jul 2017  
**Venue:** BCA Academy

To register, [CLICK HERE](#)!