Part-time

SPECIALIST DIPLOMA PROGRAMMES

5 Months Part-time Study + 4 Months Project
- MEP Modularisation (SDMM) NEW
- Design for Manufacturing & Assembly (SDDfMA)
- Lean Construction (SDLc)

9 Months Part-time Study
- Interior & Landscape Design (SDILD)
- Underground Construction (SDUC)

Dates: Starting in Aug 2018
Registration Closing: 20 Jul 2018
Venue: BCA Academy
Frequency: 2 to 4 evenings per week (there may be lessons conducted on Saturdays)

For our full range of Part-time Specialist Diploma Programmes, CLICK HERE!
2-day course on

**Computational BIM**

Computational BIM approach enables professionals from the built industry to explore and automate more design options leading to desired solution for productivity gain. The design approach also makes the creation of complex geometry possible and accurate.

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 BIM skills and technical knowledge through the hands-on sessions. Industry practitioners will also be invited to share on their experience in adopting computational BIM in their projects or workflows.

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

1st Run Date: 27 & 28 Aug 2018
Venue: BCA Academy

To register, [CLICK HERE!](#)
Half-day Course on

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

47th Run: 25 Jul 2018 (pm)
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)

**17th Run Date:** 6, 8, 13, 15 & 20 Aug 2018  
**Venue:** BCA Academy

To register, [CLICK HERE!](#)
5-day Course on
Lift and Escalator Course for Engineers

This course aims to deepen the understanding of practising engineers in the examination, inspection and testing of lifts and escalators.

Professional Engineers in Mechanical or Electrical Engineering discipline should attend this course. Other technical professionals working in the lift and escalator industry who wish to gain knowledge in lift and escalators may also attend the course.

**CPD Points**
PEB: 26 PDUs

8th Run Dates: 16, 17, 21 & 22 Aug 2018 (Theory)
               29 & 30 Aug 2018 (Practical)
               6 Sep 2018 (Assessment)

**Venue:** BCA Academy/ITE College East

To register, **CLICK HERE!**
1-day Course on

The Security of Payment Act – Technicalities and Practicalities

The Security of Payment Act facilitates payments for construction work done or for related goods/services supplied in the building and construction industry. It aims to improve cash flow in the construction industry by giving parties the right to seek progress payments for work done, and to provide quick and low-cost resolution of payment disputes through adjudication.

The course provides an overview of the key essentials in the Security of Payment legislation. It aims to enhance participants’ understanding on the mechanism, requirements and considerations of the Security of Payment Act and discusses payment issues typically encountered in building and construction projects.

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

6th Run Date: 20 Aug 2018
Venue: BCA Academy

To register, CLICK HERE!
2-Day Course on
Planning & Management of Home Renovation

In an effort to improve the industry to meet the needs of its current and potential renovation contractors, HDB jointly with BCA has launched this course. All existing and new renovation contractors are encouraged to attend the course.

This course is designed to equip participants with the necessary skill and knowledge in planning and managing renovation projects. Particular emphasis is placed on documentation, resource management, quality control, delivering good customer services, designing for home renovation and finally, opportunities for improvement or upgrading of the business.

15th Run Date: 28 & 29 Aug 2018
Venue: BCA Academy

To register, CLICK HERE!
1-Day Course on The Basics of Design for Manufacturing and Assembly (DfMA)

DfMA is a concept that has its roots in the manufacturing sector. In construction, DfMA is a process whereby buildings are designed for ease of off-site manufacturing and efficiency of on-site assembly. In this course, participants will gain essential concepts and principles of DfMA, design consideration for DfMA, its benefits and challenges as well as applications. Case studies will also be discussed.

Upon completion of this course, participants will be able to:
- Understand the basic concepts and principles of DfMA;
- Appreciate design consideration for DfMA; and
- Understand benefits and challenges of DfMA and how such challenges can be overcome for a successful adoption.

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

5th Run Date: 3 Sep 2018
Venue: BCA Academy

To register, CLICK HERE!
1-day Workshop on
Planning, Design, Construction and Commissioning of Staircase Storey Shelters

The Civil Defence (CD) Shelter Design Workshop 2018 is designed to provide industry practitioners with insights into good staircase storey shelter design practices in compliance with the latest “Technical Requirements for Storey Shelters 2015”. Flexibility in shelter design, including waiver approval cases such as voids located within shelter setback distance will also be discussed.

The workshop aims to equip participants with the knowledge to:
- understand the important architectural and structural design considerations for staircase storey shelters;
- plan and design staircase storey shelters in compliance with technical requirements for storey shelters; and
- supervise the construction and commissioning inspection of staircase storey shelters.

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

5th Run Date: 13 Sep 2018
Venue: BCA Academy

To register, CLICK HERE!

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For enquiries or feedback, please email us at bca_academy@bca.gov.sg. For more information, visit the BCA Academy's website now for other seminars/courses details.

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