SPECIALIST DIPLOMA in CONSTRUCTION PRODUCTIVITY

Duration
5 Months Part-time Study + 4 Months Project

Date
Starting on 8 Jan 2019

Registration Closing
28 Dec 2018

Venue
BCA Academy

Frequency
2 – 4 evenings per week (lessons maybe conducted on Saturdays)

Please click for more information.

- Effective from 1 Jan 2016, all A2 to B1 contractors are required to have at least one full-time employed Registrable Professional/Professional/Technical personnel (RPP/PP/TP) to have either completed or registered to attend this course in their next BCA Contractors Registration System (CRS) Renewal
- The effective date for L6 contractors for CR and ME workheads (except CR14, M107 and M121) will be their next CRS renewal after 1 Jan 2017

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7-Evening Course on
Computational Fluid Dynamics (CFD) Simulation Using Open Source Software

Under the Green Mark criteria, Computational Fluid Dynamics (CFD) simulation is required and encompasses 4 segments namely, ventilation simulation, thermal comfort, indoor air quality simulation and wind driven rain. As CFD simulation software for commercial projects and outsourcing of simulation can be costly, it would be beneficial for companies and professionals to equip themselves with knowledge on CFD’s open source software, OpenFOAM.

In the course on “Computational Fluid Dynamics (CFD) Simulation Using Open Source Software”, participants will acquire the knowledge on CFD, OpenFOAM as an open source software as well as the experience needed to start their own CFD projects using OpenFOAM. There will be planned tutorials to guide participants through all aspect of the software.

CPD Points
BOA-SIA: Pending
PEB: Pending

1st Run Date: 7, 8, 14, 15, 21, 22 & 28 Jan 2019
Venue: BCA Academy

To register, CLICK HERE!
2-Day Practical Course on
Safety Data Analytics to Improve
Workplace Safety & Health Performance

Data Analytics is one of the emerging frontier technologies that our workforce needs training in to acquire skills to analyse available data. Workplace Safety and Health (WSH) works involve enormous data in the form of inspection reports, incident reports, safety behaviours indicators, procurement data, etc., that can be analysed with suitable data analytics tools to arrive at outcomes that can be used to improve work productivity and WSH performance at workplaces. Safety analytics can predict and prevent workplace safety incidents, thus saving lives, money and organisation's reputation which goes beyond the conventional dashboards and safety reports of past incidents or accidents.

This course aims to provide participants a good appreciation of basics of data analytics and its tools, and how WSH data can be analysed with the tools in order to improve safety and health performance and productivity in workplaces.

**CPD Points**
- PEB: 14 PDUs
- IES-ACES (RES/RTQs): 4 STU (Safety)
- WSH-CPD: 15 SDUs

1st Run: 10 & 11 Jan 2019
Venue: BCA Academy

To register, [CLICK HERE!](#)

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4 ½ - day Certification Course for
Green Mark Manager

Participants of the Certification Course for Green Mark Manager will gain an in-depth understanding of BCA's environmental sustainability legislative framework, underlying performance standards and BCA Green Mark assessment systems – Green Mark for Non-Residential Buildings: 2015 (GM NRBI: 2015) and Green Mark for Residential Buildings: 2016 (GM RB: 2016). Focus will be placed on green building design guidelines and technologies, where the participants will learn the methods of identifying, evaluating and selecting cost effective solutions towards a more holistic green building performance.

On top of that, the course will also touch on the integration of passive and active building design, as well as cooperation between disciplines in the design stage so as to optimise building design. It aims to practically empower industry professionals to take leadership in competently guiding projects to excel in the Green Mark criteria, and ultimately push the frontiers for greener buildings.

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

78th Run Date: 17, 18, 21, 22 Jan & 15 Feb 2019
Venue: BCA Academy

To register, [CLICK HERE!](#)
2-Day bizSAFE Level 2 Course on
Develop A Risk Management Implementation Plan

Workplace Safety and Health (Risk Management) Regulations require stakeholders such as employers, self-employed persons and principals to have the responsibility of identifying safety and health hazards at the workplace and taking appropriate actions to eliminate the hazards or mitigate the risks associated with the hazards. Risk assessment and management is the key to reduce the risks at source.

Participant who attends this course will have an in-depth understanding and knowledge on the concepts and methodologies of risk assessment and management. This course will also provide hands-on experience in the risk assessment for construction activities and development of risk management implementation plan.

CPD Points
PEB: Pending
IES-ACES (RES/RTS): Pending (Safety)

130th Run Date: 29 & 30 Jan 2019
Venue: BCA Academy

To register, CLICK HERE!

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4½ - day Certification Course for
Green Mark Facilities Manager

The aim of the Certification Course for Green Mark Facilities Manager is to equip participants with the knowledge and skills to improve and implement sustainable measures and technologies in an existing building. Participants will learn how a building's energy consumption and environmental impacts can be minimised during the building life time, and to conduct Green Mark Assessment for existing building.

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

32nd Run Date: 26, 27 Feb, 5, 6 & 19 Mar 2019
Venue: BCA Academy

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 (12th Intake): Starting on 25 Feb 2019**  
*Application Closing date: 1 Feb 2019*  
**Part-Time (6th Intake): Starting on 2 Apr 2019**  
*Application Closing date: 8 Mar 2019*

For more information and to apply for the program, please [CLICK HERE!](#)

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**BCA ACADEMY OPEN HOUSE 2019**

17 January 2019 | 9am - 2pm

BCA Academy is recognized by Ministry of Education (MOE) Singapore as a government-affiliated institute that offers Built Environment Programmes

- **Diploma & Degree Talks**  
- **Campus Tour**  
- **CCAs**  
- **Programme Booths**  
- **Course Counselling**

**Address:** 200 Braddell Road Singapore 579700

[www.bca.edu.sg/openhouse](http://www.bca.edu.sg/openhouse)  
*or scan QRcode*

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For enquiries or feedback, please email us at [bca_academy@bca.gov.sg](mailto:bca_academy@bca.gov.sg). For more information, visit the BCA Academy’s website now for other seminars/courses details. You are receiving this email as you are subscribed to our mailing list. If you no longer wish to receive such emails, please send an email to [bca_academy@bca.gov.sg](mailto:bca_academy@bca.gov.sg) with the subject “Unsubscribe”.