PROGRAMMES @ BCA ACADEMY

We shape a safe, high quality, sustainable and friendly built environment.

Practical Applications of WSH Legislations in Construction Projects through Case Studies

6th Run: 29 & 30 Apr 2019
Venue: BCA Academy

CPD Points
PEB: Pending
WSH-CPD (WSH Officers): Pending
IES-ACES (REs/RTOs): Pending (Safety)

Statutory legislations such as Workplace Safety and Health Act (WSHA) and its subsidiary legislations are prepared by legal professionals. The structure of the legislation as well as various terms used in the legislation are not usually easily and fully understood in terms of their intent, meaning and implications by industry practitioners who either do not have legal background or only possess minimum legal knowledge. It is important that construction/project managers, supervisors and WSH personnel are educated with the better understanding of legal terms, implications of the WSH legislations, responsibilities of stakeholders, liabilities and penalties for non-compliances with respect to managing construction projects.

To register, CLICK HERE!
Certification Course for Green Mark Managers (GMM)

80th Run: 2 – 24 May 2019
Duration: 4.5 days
Venue: BCA Academy

CPD Points
PEB: Pending
BOA-SIA: Pending

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, including the revised BCA Green Mark Criteria For New Non-Residential Buildings – Green Mark For Non-Residential Buildings: 2015 (GM NRB: 2015).

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 optimize building design.

To register, CLICK HERE!
Masterclass in Integrated Digital Delivery (IDD) Through Computational BIM

Date: 10 May 2019  
Venue: BCA Academy

CPD Points  
PEB: Pending

Computational BIM or rule-based approach refers to innovative problem-solving processes in which users define algorithms and workflows to **automate tasks**, **optimize outputs** and manage changes across different project phases. It allows users to explore more options leading to desired solution for productivity gain.

Computational BIM also forms an important part of Integrated Digital Delivery (IDD). Increasingly, local and international project teams are adopting it to optimize their project delivery.

To register, CLICK HERE!
Managing Noise in Construction Sites

4th Run: 13 May 2019
Venue: BCA Academy

CPD Points
PEB: Pending
WSH-CPD (WSH Officers): 8 SDUs
IES-ACES (Res/RTOs): Pending

Requirements of noise control and management in construction sites are stipulated by NEA and MOM through legislations. To ensure that construction works do not affect neighboring residents and businesses, noise levels are to be continuously monitored in construction sites and kept within the permissible levels. Developers also require contractors to prepare and submit to them a Noise Management Plan which usually includes the baseline noise record, indicate the Noise Sensitive Receivers (NSRs) (such as hospitals, schools, etc.) and propose mitigation measures and public relation strategies to handle noise matters. Throughout the construction duration, contractors are required to implement all practicable measures while continuously monitoring the noise levels closely.

To register, CLICK HERE!
BIM for Building Lifecycle and Facility Management

2nd Run: 15 & 16 May 2019
Venue: BCA Academy

CPD Points
PEB: Pending
BOA-SIA: Pending

The adoption of Building Information Modelling (BIM) during the design and construction stages has transformed our construction industry significantly. However, there are more from BIM that the industry could benefit from, especially in the areas of building operation and asset information management.

This 2-day course will enable participants to appreciate how the convergence of BIM and Internet of Things (IoT) could change the way buildings are designed, built, operated and maintained. The lecturer will also demonstrate how BIM and IoT could automate the integration of various building systems and enable smart operation and maintenance.

To register, CLICK HERE!
Certified QM/ CONQUAS Manager Course

66th Run: 15 – 17 May 2019  
Venue: BCA Academy

CPD Points  
PEB: Pending  
IES-ACES: Pending (Structural)

Construction Quality Assessment System (CONQUAS) is a voluntary scheme developed by BCA in conjunction with the major public sector agencies and various industry professional bodies to measure quality level achieved in a completed project. As part of the requirements for the Certified QM/CONQUAS Manager schemes which accord recognition to construction personnel who are instrumental in ensuring and delivering high quality projects as reflected in high CONQUAS score projects, the Certified QM/CONQUAS Managers course provides necessary knowledge to enable the participants to effectively implement Quality Management System (QMS) and achieve better Quality Mark (QM)/CONQUAS score.

To register, CLICK HERE!
Certificate in Façade Inspection

8th Run: 15 – 21 May 2019
Venue: BCA Academy

CPD Points
PEB: Pending
BOA-SIA: Pending
IES-ACES: Pending (Structural)

The Certificate in Façade Inspection course is designed to equip participants with essential knowledge and skills in façade inspection. On top of legislative framework and requirements on façade inspection, participants will gain an in-depth understanding of the fundamentals of various façade systems and materials, their particular maintenance needs and inspection methods.

To register, CLICK HERE!
CP88 on Temporary Electrical Installations

8th Run: 29 May 2019
Venue: BCA Academy

CPD POINTS
PEB: Pending

Temporary low voltage electrical installations are widely used in construction and building sites; trade-fairs, mini-fairs and exhibition sites as well as for festive lightings. Designers and engineers need to have deep knowledge on the good practice and guidelines for the inspection, testing and maintenance of such installations, in compliance with the code of practice.

To register, CLICK HERE!
Maintenance of Electrical Equipment for FM Personnel

2nd Run: 31 May 2019
Venue: BCA Academy

CPD POINTS
PEB: Pending

Proper operation and maintenance of major electrical equipment becomes important to increase equipment reliability, extending equipment lifetime and ensuring high levels of health and safety for building users and operation as well as maintenance personnel.

This course aims to provide awareness of the maintenance practices of an electrical installation for FM personnel and non-electrical engineers required to carry out building maintenance works.

To register, CLICK HERE!
Certification Course in BIM Modelling (Architecture Track)

21st Run: 11 – 14 June 2019
Venue: BCA Academy

Building Information Modelling (BIM) is a process that involves the generation and management of the information about a facility. BIM allows for great integration and collaboration among different building professionals of various disciplines to explore digitally, and can be used throughout the entire building process from design stage through construction stage and even post construction building management.

Currently, majority of the building plans have to be submitted in BIM format for regulatory approval. This 4-day Certification Course in BIM Modelling (Architecture track) aims to develop BIM capability and capacity in the industry so that firms could be ready for the full BIM implementation by 2015.

To register, CLICK HERE!
Part-time
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For our full range of Part-time Specialist Diploma Programmes,
CLICK HERE!
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.

The Bachelor of Construction Management (Building) (Honours) will equip you with the skills and knowledge to manage complexities in construction projects both in Singapore and across the world. The programme incorporates substantial Building Information Modelling (BIM) teaching and projects which offer a niche specialty beyond the construction management discipline. This would give the graduates a solid foundation to pursue wide career choice as BIM Managers, Project Managers, Quantity Surveyors and Facility Managers.

13th intake: 29 July 2019
Application Closing Date: 28 Jun 2019
Venue: BCA Academy

To register, CLICK HERE!

Bachelor of Civil Engineering (Honours)

Civil Engineers are highly demanded in Singapore.

In fact, Civil engineering is vital to Singapore’s drive to creating a better built environment and livable city. The development of mega infrastructure projects as well as re-shaping Singapore’s city landscape will require highly qualified engineers trained in civil discipline. As we build higher and dig deeper underground, there is high prospects for Civil Engineers to design, plan, build, manage and oversee the development of infrastructure/building projects.

This degree programme is designed to allow both GCE ‘A’ level and diploma graduates a pathway to pursue a rewarding career in the built environment.

4th intake: 29 Jul 2019
Application Closing Date: 28 Jun 2019
Venue: BCA Academy

To register, CLICK HERE!

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. 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 with the subject “Unsubscribe”.