**bizSAFE Level-2 Develop A Risk Management Implementation Plan [2 Days]**

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.

**Venue**

BCA Academy, 200 Braddell Road, Singapore 579700

**Date and Time**

22 Oct 2018 to 23 Oct 2018
0900 to 1730
Duration: 2 Days (14 hours)
129th Run: 22 & 23 Oct 2018

**Contact Details**

Contact Person: Customer Service Officer
Email: bca_academy@bca.gov.sg
Phone: 62489999
Fax: 62580558

---

**Building and Construction Authority**

**Build Smart Conference 2018**

The Build Smart Conference provides a platform for practitioners from different disciplines to gain insights of overseas and local advancement towards construction productivity, its technologies, processes and concepts, business case, as well as exemplary projects. Launched in 2011, the Build Smart Conference has been a key event, which is an industry-wide campaign to raise awareness in enhancing construction productivity. The theme for this year revolves around Unlocking Innovation through Digital Transformation focusing on technological advancement and best practices in Integrated Digital Delivery (IDD). The international and local experts will share on their experiences on topics such as application of digitisation through exemplary international and local IDD projects that enhance our construction productivity.

**Venue**

Max Atria @ Singapore Expo, Peridot Room 201-203

**Date and Time**

23 Oct 2018 to 23 Oct 2018
0900 to 1700

**Contact Details**

Contact Person: Ms Siu Yen Ling
Email: siu_yen_ling@bca.gov.sg
Phone: 6248 9999
Fax: 6258 0558

---

**Developing A Lifting Plan for Crane Lifting Operations**

Lifting plan is a set of plans which is created for use in any crane lifting operations and it consists of all the important information that must be considered in a lifting operation thus ensuring that the lifting operation is carried out safely. It aims to facilitate consensus amongst all relevant stakeholders including the lifting crew for a safe outcome. Under the WSH legal requirements, all lifting operations shall be accompanied by a lifting plan. This BCA Academy's practical course will enable construction site personnel to prepare a proper lifting plan for
crane lifting operations and implement the lifting plan in a crane lifting activity. At the end of the training, participants would be able to prepare a lifting plan with good understanding of legal requirements, load charts, crane safety and lifting requirements, and be able to apply the lifting plan at a simulated crane location.

**Building and Construction Authority**

**Workshop for Company CEO/ Top Mgt (BizSAFE Level - 1) [1 Day]**

BizSAFE is a programme which is administered by the Workplace Safety and Health Council (WSHC) tailored to assist the companies to build up their workplace safety and health capabilities. The programme provides a 5-level approach to help companies build up their capabilities progressively. Companies participating in this programme will gain recognition and benefit from having a comprehensive WSH system in place. To start the BizSAFE journey, an enterprise's top management has to sign up for this BizSAFE Level 1.

**Venue**

BCA Academy, 200 Braddell Road, Singapore 579700

**Date and Time**

24 Oct 2018 to 24 Oct 2018 0900 to 1730

Duration: 2 Days (9am to 5.30pm)

3rd Run: 24 & 25 Oct 2018

**Contact Details**

Contact Person: Customer Service Officer

Email: bca_academy@bca.gov.sg

Phone: 62489999

Fax: 62580558

**Institution of Engineers, Singapore**

**Environmental Health Concerns from Construction Sites - Air and Water Pollution (4th Run)**

This course aims to highlight the key environmental concerns relating to air and water pollution from construction sites. The scope of the course will cover sources and activities on worksites that generate pollution, as well as the impact of this pollution on our environment. Regulations, management and control measures to address these pollution concerns will also be discussed.

**Venue**

IES Academy@ Jurong East 80 Jurong East St 21 #04-10 Devan Nair Institute Singapore 609607

**Date and Time**

12 Nov 2018 to 12 Nov 2018

6.15pm - 9.30pm

12 Nov 2018 (Monday)

**Contact Details**

Contact Person: Lee Woon (Ms)

Email: hon.lw@iesnet.org.sg

Phone: 64611250 /64639211

Fax:

**Building and Construction Authority**

**WSH Conference 2018 - Challenges and Recent Advances in WSH in Construction Industry**

In this year’s WSH Conference, jointly organised by BCA Academy and IOSH (Singapore), WSH experts and practitioners from Singapore and overseas will share on several topics. There will be two Keynote Speakers; Mr Sebastian Tan, Director, Occupational Safety and Health Inspectorate, Ministry of Manpower, as well as Dr. Vincent Ho, IOSH President and Head of Corporate Safety, MTR Corporation (Hong Kong).

**Venue**

BCA Academy, Block H2-1 Auditorium

**Date and Time**

13 Nov 2018 to 13 Nov 2018 0830 to 1730

**Contact Details**

Contact Person: Ms Mae Lim

Email: mae_lim@bca.gov.sg

Phone: 6248 9999

Fax: 6258 0558

**Institution of Engineers, Singapore**

**REINFORCED CONCRETE STRUCTURE TO EC2 - 16th RUN**

This one-day course covers the detailed design of reinforced concrete structural elements to Eurocode 2 (EC2). The emphasis is on buildings that are constructed in situ, braced by structural walls and are non-sway.
**Design for Safety for Professionals (DfSP)**

This Competency Requirement document specifies the performance criteria, underpinning knowledge, range and context for the design, training and assessment of the Design for Safety Professionals (DfSP) Course. Learners of this course will gain the knowledge and skills for fulfilling the roles of the construction in accordance with the guideline on Design for Safety and Health in Buildings and Structures.

**Venue**
IES Academy@Jurong East

**Date and Time**
22 Nov 2018 to 23 Nov 2018
0900 to 1700
9am to 5pm
22 & 23 November 2018

**Contact Details**
Contact Person: Christine Lau
Email: christine.lau@iesnet.org.sg
Phone: 64639211
Fax:

---

**Design Of Precast Concrete Elements For Hybrid Buildings (2nd Run)**

The course explains how to design pretensioned prestressed elements suitable for hybrid (precast + insitu) concrete construction (with a given extended worked example of a double-tee long span floor with in-situ topping).

**Venue**
IES Academy@ Jurong East 80 Jurong East St 21 #04-10 Devan Nair Institute Singapore 609607

**Date and Time**
27 Nov 2018 to 27 Nov 2018
1400 to 1715
2.00pm - 5.15pm (Half Day Course)
27 Nov 2018, Tuesday

**Contact Details**
Contact Person: Lee Woon (Ms)
Email: hon lw@iesnet.org.sg
Phone: 64611250 / 64639211
Fax:

---

**Management Of Risks Occurring In The Course Of Comprehensive Delivery Of A Construction Project Singapore Experience**

The objective of this course is to identify and wake players of the industry to as many as practically possible risks occurring in the course of comprehensive delivery of a construction project and suggest ways to avoid, mitigate, eliminate or overcome such risks. One-time only, strictly no re-runs. Register early to avoid disappointment.

**Venue**
IES Academy@ Jurong East 80 Jurong East St 21 #04-10 Devan Nair Institute Singapore 609607

**Date and Time**
3 Dec 2018 to 3 Dec 2018
0900 to 1700
9.00am - 5.00pm
3 Dec 2018, Monday

**Contact Details**
Contact Person: Lee Woon (Ms)
Email: hon lw@iesnet.org.sg
Phone: 64611250 / 64639211
Fax:

---

**SPECIALIST DIPLOMA IN FACILITY & ENERGY MANAGEMENT**

Environment sustainability is increasingly gaining ground in the building and construction industry, buoyed by global concerns on climate change and limited natural resources. With the rising trend towards green technologies and renewable energy in the built environment, there is a need for professionals who are proficient in energy management to operate buildings for optimal building performance. The Specialist Diploma in Facility and Energy Management (SDFEM) equips students with the essential knowledge to plan and manage building operations and maintenance efficiently. The programme also incorporates Energy Management modules to give you the added competitive edge. Upon graduation, you can look forward to career opportunities as facilities managers or building managers. [Note: This programme can be taken as separate stackable modular certificates. The 3 certificates can be taken in any order (within 3yrs). Upon completion of all 3 modular certificates (A,B,C), you will be awarded with the Specialist Diploma.]

**Venue**
BCA Academy, 200 Braddell Road, Singapore 579700

**Date and Time**
7 Jan 2019 to 29 Nov 2019
1830 to 2130
Module A: Registration closes on 7 Dec 2018 / Duration: 11 weeks per module / Frequency: 2 evenings per week (some courses may be held on Saturdays)
Starting on 7th Jan 2019;

**Contact Details**
Contact Person: Mr Nicholas Soh
Email: Nicholas_Soh@bca.gov.sg
Phone: 6248 9999
Fax: 6258 0558
Approximately 1 year including term break

**SPECIALIST DIPLOMA IN INTERIOR & LANDSCAPE DESIGN**

The Specialist Diploma in Interior & Landscape Design (SDILD) is structured to equip you with the knowledge of principles and theories in interior and landscape design, and how they are applied in real life. From idea conception to planning and creating spaces, you will explore new technologies to improve your design solutions and gain critical knowledge of building and material science to understand the behavioral, social and physical requirements of design in the built environment. Upon graduation, you will qualify to work as technical specialists in the interior and landscape design industry. [Note: This programme can be taken as separate stackable modular certificates. The 3 certificates can be taken in any order (within 3yrs). Upon completion of all 3 modular certificates (A,B,C), you will be awarded with the Specialist Diploma.]

**Venue**

BCA Academy, 200 Braddell Road, Singapore 579700

**Date and Time**

7 Jan 2019 to 29 Nov 2019

Module A: Registration closes on 7 Dec 2018 / Duration: 11 weeks per module / Frequency: 2 evenings per week (some courses may be held on Saturdays)

Starting on 7th Jan 2019; Approximately 1 year including term break

**Contact Details**

Contact Person: Ms Amber Chua
Email: amber_chua@bca.gov.sg
Phone: 6248 9999
Fax: 6258 0558

**SPECIALIST DIPLOMA IN COMPUTATIONAL BIM (BUILDING)(SDCBB)**

The Specialist Diploma Computational BIM Building (SDCBB) programme aims to equip Built Environment professionals and contractors with knowledge in the different computational BIM tools for automation, optimization and validation. Learners will undergo an intensive course where they will acquire knowledge on basic programming syntax and proceed to learn how to script across various types of computational BIM software for customisation of the BIM programmes. With data generated from BIM models, learners would also be able to manage and manipulate such data for construction use, which enables further application to their respective disciplines. The programme devotes 60% of the total contact hours to the use of computer labs for hands-on learning. Finally, students will embark on a 4-month graded project based on application of the computational skills they have learnt into their current projects. *Please be informed that the indicated start and end dates of this course are currently tentative.

**Venue**

BCA Academy, 200 Braddell Road, Singapore 579700

**Date and Time**

7 Jan 2019 to 30 Sep 2019

5 mths lessons + 4 mths final project [Frequency: 2-3 evenings per week, whereby some courses may be held on Saturdays]

1st Intake: Starting in January 2019*

**Contact Details**

Contact Person: Mr Nicholas Soh
Email: Nicholas_Soh@bca.gov.sg
Phone: 6248 9999
Fax: 6258 0558

**SPECIALIST DIPLOMA IN CONSTRUCTION MANAGEMENT**

In land scarce Singapore, the building and construction industry plays a critical role in our city's advancement and urban regeneration. With a high volume of building and infrastructure, the construction industry is offering great employment prospects and earning potential for construction professionals, such as higher level supervisor, project coordinators, construction managers and project managers. The Specialist Diploma in Construction Management (SDCM) will equip you with skills that are essential in managing construction projects successfully. The comprehensive curriculum ranging from technical subjects, quality, safety, contract & cost management to legal studies and information technology will prepare you for an outstanding career in the construction industry. [Note: This programme can be taken as separate stackable modular certificates. The 3 certificates can be taken in any order (within 3yrs). Upon completion of all 3 modular certificates (A,B,C), you will be awarded with the Specialist Diploma.]

**Venue**

BCA Academy, 200 Braddell

**Date and Time**

7 Jan 2019 to 29 Nov 2019

**Contact Details**

Contact Person: Ms Patricia Lee
Module A: Registration closes on 7 Dec 2018 / Duration: 11 weeks / Frequency: 2 evenings per week (some courses may be held on Saturdays) / Starting on 7th Jan 2019; / Approximately 1 year including term break