Building and Construction Authority

ArchXpo 2016

ArchXpo Opening Ceremony (for more information, please refer to <a href="http://www.archxpo.com.sg/">ArchXpo 2016</a> website)

Venue
Hall B (Level 1), Marina Bay Sands Singapore

Date and Time
28 Sep 2016 to 28 Sep 2016
0900 to 1200

Contact Details
Contact Person: Zann Wong
Email: zann@cems.com.sg
Phone: 62788666
Fax: 62784077

GRADUATE CERTIFICATE IN WORKPLACE SAFETY AND HEALTH

Graduate Certificate in Workplace Safety and Health (Level D) is the highest level of the four following qualifications under the WSQ WSH Professionals framework:
1) Level A - Certificate in Workplace Safety and Health
2) Level B - Advanced Certificate in Workplace Safety and Health
3) Level C - Specialist Diploma in Workplace Safety and Health
4) Level D - Graduate Certificate in Workplace Safety and Health

Persons at this level are at a professional and/or managerial level of practice, and are on the way to becoming WSH Auditors.

Venue
BCA Academy, 200 Braddell Road, Singapore 579700

Date and Time
3 Oct 2016 to 3 Apr 2017
1830 to 2130
Starting on October 2016
Duration: 6 months (Frequency: 2 to 3 evenings on weekdays)

Contact Details
Contact Person: Customer Service Officer
Email: bca_academy@bca.gov.sg
Phone: 6248 9999
Fax: 6258 0558

UNIVERSAL DESIGN (UD) ASSESSORS

While BCA has made significant progress in leading the building industry towards Universal Design (UD) adoption through funding and seminars, the industry is still lacking in their knowledge and application of UD. There is a need to build the industry's capability and capacity in adopting UD so as to create an inclusive and age-friendly built environment for all ages. The 4-day programme aims to provide an overview of the various aspects of adopting an inclusive approach to design. The course will adopt a multidisciplinary approach to gain an appreciation of UD through the direct contact with varied user groups in a focused context; the pragmatics of UD supported by an understanding of the theoretical framework; and the ability to source for and apply qualitative & quantitative information regarding the fit between human and the built environment.
OBLIGATIONS AND LIABILITIES IN BUILDING CONSTRUCTION WORKS

The stakeholders of construction projects often incur liabilities due to their failure to recognise and comply with certain implied obligations which maybe arise during the design and construction processes. It is, therefore, imperative for the project parties to understand the implied obligations and liabilities prior to the commencement of construction projects. This course will provide the participants with an insight into the obligations and liabilities of the key players in building and construction works, with focus on the Building Control Act. The course will cover the various obligations under contract, tort and statutory duty in building and construction works. The main focus will be on the regulatory framework of the Building Control Act and the recent developments of the Act. These will be discussed and illustrated with reference to the roles of various appointment holders under the Building Control Act with examples of local incidents and decided case law.

Venue
BCA Academy, 200 Braddell Road, Singapore 579700

Date and Time
17 Oct 2016 to 26 Oct 2016
1830 to 2130
4 evenings on 17, 19, 24 & 26 Oct 2016
Fee (Incl. of GST): S$780.00

Contact Details
Contact Person: Customer Service Officer
Email: bca_academy@bca.gov.sg
Phone: 6248 9999
Fax: 6258 0558

Formwork Design and Safety with Code of Practice SS580:2012 19th run

Formwork structures have always been a highly hazardous item in the construction industry. Recent failures of formworks in Singapore have raised considerable alarm in the industry, the government, and the public. This one-day course on formwork design and safety to revised standards and EuroCode aims to address this critical concern, not only of the authorities but also of builders, contractors, and developers, by accomplishing the following: Provide background to this critical topic in workplace safety Review a number of failures of formworks in Singapore and abroad to convey understanding of causes Discuss techniques to identify and evaluate the hazards, and manage the risks Provide useful information on revised standards in this area Describe significant parts of the new Code of Practice for Formwork SS580:2012 to facilitate its use by designers and contractors. The focus will be on basic concepts and procedures currently in use for formwork in the construction industry. In addition, the critical aspects of formwork design with the recently increased factor of safety will be covered. Objectives will include identification of principal contributory factors to formwork failures and their underlying root causes, and discussing how the new Code can eliminate or alleviate the problems.

Venue
Singapore EXPO

Date and Time
18 Oct 2016 to 20 Oct 2016
0000 to 0000
18 - 20 OCTOBER 2016

Contact Details
Contact Person: Josephine Lee
Email: bca_scpw@bca.gov.sg
Phone: -
Fax: -
### WIN - WIN Approach to Professional Management of Construction Projects

Essential actions that should be taken in the course of performing true and professional project management at different stages of project implementation towards eventual successful project completion shall be identified and discussed, and the reason(s) for taking such actions and the impact thereof will be deliberated. This talk will not involve expounding theories, rules and procedures but will concentrate on practical issues instead.

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<tr>
<th>Venue</th>
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<th>Contact Details</th>
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| IES Academy@Jurong East 80 Jurong East Street 21 | 27 Oct 2016 to 27 Oct 2016 0900 to 1700 9am - 5pm 27 October 2016 | Contact Person: Christine Lau  
Email: christine.lau@iesnet.org.sg  
Phone: 6461 1238  
Fax: 6563 6030 |

### GOOD INDUSTRY PRACTICES - ALUMINIUM WINDOW

Windows are major components of buildings allowing for transmission of light, providing view for the occupants and giving a pleasing facade. However, poorly designed and installed windows pose a problem of water seepage. As aluminium frame windows are commonly used in the local industry, the Good Industry Practices Aluminium Window was developed to share with the industry good work practices adopted by practitioners and contractors who have consistently delivered high quality work. This Good Industry Practices highlights the benefits and practical tips on how quality fabrication and site installation can be achieved.

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<th>Venue</th>
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| BCA Academy, 200 Braddell Road, Singapore 579700 | 1 Nov 2016 to 1 Nov 2016 0900 to 1730 Fee (Incl of GST): SS340.00 Lunch & refreshments will be provided. | Contact Person: Customer Service Officer  
Email: bca_academy@bca.gov.sg  
Phone: 6248 9999  
Fax: 6258 0558 |

### MEASUREMENT & VERIFICATION OF CENTRAL CHILLED-WATER PLANT EFFICIENCY

This 3.5 days course will provide participants an understanding of the measurement and verification for water cooled chilled water plant system complying with Green Mark requirements, relevant guidelines and standards. Participants will learn the measurement and calibration requirements for chiller plants including instrumentation, measurement standards, uncertainty and traceability. Fundamentals of heat balance, common pitfalls and good practices will also be covered.

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<th>Venue</th>
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<th>Contact Details</th>
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| BCA Academy, 200 Braddell Road, Singapore 579700 | 1 Nov 2016 to 3 Nov 2016 0900 to 1730 1, 2 & 3 Nov 2016 (Assessment on 16 Nov 2016) 9.00 am to 12.00 pm (Assessment) | Contact Person: Customer Service Officer  
Email: bca_academy@bca.gov.sg  
Phone: 6248 9999  
Fax: 6258 0558 |

### GEOTECHNICAL DESIGN USING EUROCODE 7

This workshop will prepare structural and geotechnical engineers for the adoption of the Eurocode 7 in Singapore. After attending the workshop, the participants will be able to:1) Appreciate the design approach based on the Eurocodes2) Appreciate the geotechnical design approach based on SS EN 1997 (EC 7) and Singapore National Annexes3) Apply EC 7 for the design of spread and pile foundations; retaining structures and slope stability and embankment.

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<th>Contact Details</th>
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</table>
| BCA Academy, 200 Braddell Road, Singapore 579700 | 1 Nov 2016 to 11 Nov 2016 1830 to 2130 | Contact Person: Customer Service Officer  
Email: bca_academy@bca.gov.sg |
### CERTIFICATION COURSE FOR SITE INVESTIGATION SUPERVISORS

The Singapore Accreditation Council (SAC) of SPRING Singapore, with the support of Geotechnical Society of Singapore (GeoSS), Building and Construction Authority (BCA) and Land Transport Authority (LTA) is introducing an accreditation scheme for site investigation firms. As part of the accreditation requirements for site investigation firms, site investigation supervisors of the firms are required to undergo a training course on site investigation. Upon successfully completing the course, they can be registered as Certified Site Investigation Supervisor with GeoSS.

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<tr>
<th>Venue</th>
<th>Date and Time</th>
<th>Contact Details</th>
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<tr>
<td>LTA Academy / BCA Academy</td>
<td>7 Nov 2016 to 15 Nov 2016</td>
<td>Contact Person: Customer Service Officer</td>
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<tr>
<td></td>
<td>1830 to2130</td>
<td>Email: <a href="mailto:bca_academy@bca.gov.sg">bca_academy@bca.gov.sg</a></td>
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<tr>
<td></td>
<td>7, 8, 14 &amp; 15 Nov 2016</td>
<td>Phone: 6248 9999</td>
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<td></td>
<td>6.30pm to 9.30pm (Module 1 &amp; 2) / 6.00pm to 10.00pm (Module 3)</td>
<td>Fax: 6258 0558</td>
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### GOOD GOVERNANCE FOR MANAGEMENT CORPORATION (WITH ENHANCEMENT)

The increasing sophistication of property owners and their rising expectation for good governance in managing strata-titled developments could pose a daunting challenge to the management councils. It is important that members of the management councils of such developments are well-equipped with the knowledge of the regulatory framework and the related accounting and auditing requirements under the provisions of the Building Maintenance and Strata Management Act (BMSMA). At the end of the course, participants will gain an insight into the regulatory framework, the roles and responsibilities of the stakeholders in strata developments, the procedure in conducting general and council meetings of the Management Corporation, the by-laws of Management Corporation and the accounting & auditing requirements that govern the managing of strata property developments. Topics on budgeting, maintenance, management and sinking fund will be discussed. A module on handling disputes is included.

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<tr>
<td>BCA Academy, 200 Braddell Road, Singapore 579700</td>
<td>14 Nov 2016 to 15 Nov 2016</td>
<td>Contact Person: Customer Service Officer</td>
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<tr>
<td></td>
<td>0900 to1730</td>
<td>Email: <a href="mailto:bca_academy@bca.gov.sg">bca_academy@bca.gov.sg</a></td>
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<td></td>
<td>Fee (incl of GST): S$850.00</td>
<td>Phone: 6248 9999</td>
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<td></td>
<td>Lunches and refreshments will be provided.</td>
<td>Fax: 6258 0558</td>
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### GOOD INDUSTRY PRACTICES - PAINTING

The Good Industry Practices - Painting was developed to highlight good painting practices adopted by practitioners and to raise awareness of the different paint systems, the selection criteria and application processes. This course complements the guidebook, by providing practical suggestions on how good quality painting can be achieved on site. Common defects associated with paints, their causes and preventive measures are also covered in this course.

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<tr>
<td>BCA Academy, 200 Braddell Road, Singapore 579700</td>
<td>15 Nov 2016 to 15 Nov 2016</td>
<td>Contact Person: Customer Service Officer</td>
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<tr>
<td></td>
<td>0900 to1730</td>
<td>Email: <a href="mailto:bca_academy@bca.gov.sg">bca_academy@bca.gov.sg</a></td>
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<td>Fee (incl of GST): S$340.00</td>
<td>Phone: 6248 9999</td>
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<td>Lunch &amp; refreshments will be provided.</td>
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### Design for Safety Appreciation Course

The Design Phase is the earliest opportunity to incorporate Safety into a construction project. Just as productivity can be enhanced with early planning, so is the greatest impact for safety. Designing for safety starts at the conceptual and planning phases of a project with collective and conscious decisions by stakeholders about the design, methods of construction and later demolition, and also the materials used which enhance the safety of the building or structure. In 2008, WSH Council launched the Guidelines on Design for Safety in
Buildings and Structures, followed by the DfS Coordinator Course in 2010. In addition to building DfS capabilities of stakeholders, WSH Council has developed the DfS Recognition Scheme which was launched in 2011. Consisting of the DfS Mark and DfS Award, the Scheme aims to recognise competent and outstanding projects that have addressed risk through design and hence ensure safe & timely completion of the project.

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<tr>
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<th>Contact Details</th>
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<tr>
<td>IES Academy@Jurong East, Devan Nair Institute For Employment and Employability, 80 Jurong East Street 21, #04-10 Singapore 609607 (Near Jurong East MRT)</td>
<td>18 Nov 2016 to 18 Nov 2016 0900 to 1800 9am - 6pm 18 November 2016</td>
<td>Contact Person: Christine Lau Email: <a href="mailto:christine.lau@iesnet.org.sg">christine.lau@iesnet.org.sg</a> Phone: 6461 1248 Fax: 6563 6030</td>
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</tbody>
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