The Court of Appeal in its written decision on 20 January 2011 held that a site supervisor (then known as clerk of works) owes a duty of care to the developer or owner of project and is therefore directly liable for negligence. As reported, the said site supervisor was subsequently ordered to pay S$26.5 Million compensation. This is a very significant development in law involving specifically RTOs & Res. In fact, the Court of Appeal itself had said that this appears to be the first time this role (site supervisor) has arisen for consideration in the Singapore courts. Therefore this decision is equally, very significant to RTOs & REs as this is the highest court of Singapore which ruled that a site supervisor carrying out his work can be directly liable for losses! Hence it is important that all site supervisors should know about their duty of care and possible liability for damages as well as how to contain such risks of liability.

**Venue**

Devan Nair Institute For Employment and Employability, 80 Jurong East St 21 (To be confirmed)

**Date and Time**

15 Feb 2017 to 15 Feb 2017
1900 to 2200
7:00pm - 10:00pm
15 February 2017

**Contact Details**

Contact Person: Florence Lee
Email: florence.lee@iesnet.org.sg
Phone: 64604248
Fax: 65636030

**Building and Construction Authority**

**VENUE - FINDING AND SIGNAGE DESIGN**

Way-finding and signage design should be considered holistically as part of the building and facilities planning process. This is to ensure that people can have safe and easy access to amenities and facilities provided in a building. Through this course, the participants will have a good appreciation of how way-finding plays a vital role in Universal Design (UD), especially in supporting the ageing population; learn of the principles, design

Venue

BCA Academy, 200 Braddell Road, Singapore 579700

Date and Time

23 Feb 2017 to 23 Feb 2017
1345 to 1715
Fee (incl. of GST): S$150.00

Contact Details

Contact Person: Customer Service Officer
Email: bca_academy@bca.gov.sg
Phone: 6248 9999
Fax: 6258 0558
considerations and communication strategies of way-finding and signage; and be familiar with the design requirements set out in SS 599:2014 Guide for Wayfinding Signage in Public Areas. The Instructor will also share his experiences through the use of positive and negative case-studies.

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

**Date and Time**
2 Mar 2017 to 2 Mar 2017
0900 to 1700
Fee (incl of GST): $480.00
Lunch and refreshments will be provided.

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

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**Building and Construction Authority**

**BIM FOR MEP COORDINATION**

14 Mar 2017 to 15 Mar 2017

With advent of BIM, the design and installation conflicts among construction elements could be effectively identified, visualized and managed with the use of 3D BIM model. Mechanical, Electrical and Plumbing (MEP) coordination has been identified as one of the most complex tasks of the project delivery process. The BIM for MEP Coordination course aims to provide participants with the necessary knowledge and skills on how to achieve MEP spatial coordination through BIM with a greater degree of accuracy and collaboration. A series of hands-on, collaborative exercises will be conducted to simulate the real-world scenario of the coordination process from model review all the way to BIM translation to field. As such, participants are able to familiarize themselves with better, more efficient practices in MEP modelling, coordination, and collaboration, which will ultimately contribute to productivity and minimize reworks on site.

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

**Date and Time**
14 Mar 2017 to 15 Mar 2017
0900 to 1800

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

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**Building and Construction Authority**

**BCA-MLIT SEMINAR ON DRIVING TRANSFORMATION TOWARDS HIGHER PRODUCTIVITY**

15 Mar 2017 to 15 Mar 2017

This half-day seminar serves as a platform for the experts from the Ministry of Land, Infrastructure, Transport and Tourism (MLIT) and major construction companies in Japan to share on topics ranging from policies to advanced technologies adopted by the Japanese construction industry. Participants will be kept abreast on the latest development in construction productivity methodologies and technology adopted by Japanese companies.

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

**Date and Time**
15 Mar 2017 to 15 Mar 2017
0900 to 1300
FEE (incl of GST): $300.00
(Pending WTU Funding)

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

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**Building and Construction Authority**

**PROGRAMME RISK MANAGEMENT - TECHNICAL USE OF PROGRAMMES TO CONTROL, MANAGE AND OPTIMISE THE PROJECT**

16 Mar 2017 to 16 Mar 2017

The management of project is a complex issue and can be potentially ruinous financially for both the contractor and employer if the risk and uncertainty are not managed efficiently and effectively. This workshop will concentrate on good programme management and optimisation strategies and techniques for effectively managing and mitigating the risk and challenges in managing a project towards successful completion. It will also cover tools for avoiding and analysing issues in disputes, and for resolving disputes quickly with minimum cost. A case study will be used to help participants gain a better understanding of the potential problems and risks arising due to project delays. The case study will conclude with illustrations of how best practice programme management techniques and optimisation strategies can be effectively applied to help in the recovery of the delayed project.

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

**Date and Time**
16 Mar 2017 to 16 Mar 2017
0900 to 1700
9.00am to 5.00pm (Registration starts at 8.30am)

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

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**Building and Construction Authority**

**20 Mar 2017 to 3 Apr 2017**
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.

### Venue | Date and Time | Contact Details
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LTA Academy / BCA Academy | 20 Mar 2017 to 3 Apr 2017 1830 to2130 20, 21, 27 Mar & 3 Apr 2017 6.30pm to 9.30pm (Module 1 & 2) / 6.00pm to 10.00pm (Module 3) | Contact Person: Customer Service Officer Email: bca_academy@bca.gov.sg Phone: 6248 9999 Fax: 6258 0558

**SUPERVISION OF DEEP UNDERGROUND CONSTRUCTION WORKS**

In recent years, there have been more deep underground construction works in Singapore. Other than MRT stations and tunnels, Singapore is also moving towards rock cavern construction. Remarkable cavern projects include the Underground Ammunition Facility, opened in 2008 by the Singapore Armed Force which free up 300 ha of usable land; and the Jurong Rock Caverns, opened in September 2014, which free up 60 ha of usable land. Upcoming is the underground Science City at Kent Ridge, a 30-storey below ground development to house research laboratories, offices and a data centre. With this trend and development, there is a need for the industry to be trained to supervise deep underground construction works. This course aims to equip site personnel with the knowledge of earth retaining or stabilising structures and deep underground excavation so as to raise their competency to supervise deep construction works safely.

### Venue | Date and Time | Contact Details
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BCA Academy, 200 Braddell Road, Singapore 579700 | 20 Mar 2017 to 12 Apr 2017 1830 to2130 6.30pm to 9.30pm (2 evenings per week) 4th Run: 20, 22, 27, 29 Mar, 3, 5, 10 & 12 Apr 2017 (8 evenings) | Contact Person: Customer Service Officer Email: bca_academy@bca.gov.sg Phone: 6248 9999 Fax: 6258 0558

**ACES One-day course: Design of Foundations to Eurocode 7**

This course is organised to prepare civil, structural and geotechnical engineering practitioners, ground investigation and testing laboratories, builders and supervisory personnel on the design of spread and axially loaded pile foundations particularly to Eurocode 7 in Singapore. The participants will be able to: (1) Appreciate and understand the design approach of foundations based on Eurocode 7 and its National Annexes; (2) Understand the use of Eurocode 7 on design and construction considerations for spread and axially loaded pile foundations; and (3) Understand the execution and testing requirements relating to foundations.

### Venue | Date and Time | Contact Details
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18 Sin Ming Lane #06-01 Midview City Singapore 573960 | 22 Apr 2017 to 22 Apr 2017 0900 to1730 9.00 am to 5.30 pm 22 Apr 2017 (Sat) | Contact Person: Lilian Lean Email: secretariat@aces.org.sg Phone: 63242682 Fax: 6324 2581

**STANFORD CIFE-BCA ADVANCED MANAGEMENT PROGRAM IN VIRTUAL DESIGN AND CONSTRUCTION**

The VDC certificate program was first introduced in 2008 by the Stanford Universitys Center for Integrated Facility Engineering (CIFE). The intended outcome of the program is to enable industry professionals to effectively apply VDC to obtain higher return for their businesses and capital projects. To date, hundreds of participants in North America, Latin America, Europe and Asia including Singapore have benefited from the program, many of whom have successfully implemented VDC in thier projects. The Stanford CIFE-BCA Advanced Management Program in Virtual Design and Construction comprises four modules to be delivered over a 8-month period.

### Venue | Date and Time | Contact Details
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