3-Day WSQ course on
Manage Financial Resources for WSH

Manage Financial Resources for WSH is one of the modules (competency units) of the Specialist Diploma in WSH programme. This module is now offered as a standalone module for the benefit of those who wish to learn about managing financial resources in projects in relation to workplace safety and health (WSH).

This unit of competency aims to offer the knowledge, skills and attitudes required of a WSH Personnel to manage financial resources in relation to WSH projects for the organization.

**CPD Points**
PEB: 14 PDUs
IES-ACES *(REs/RTOs)*: Pending
WSH-CPD *(WSH Officers)*: Pending

1st Run: 12, 13 & 17 Jul 2018
Venue: BCA Academy

To register, CLICK HERE!
1.5-Days Course on

Design of Flat or Irregular Slabs, Frames and Joints

Reinforced Concrete (RC) is the most widely used construction material in Singapore. In addition, RC structures are getting more complex requiring engineers to be increasingly reliant on computer-aided tools in their work. This course will equip engineers with technical knowledge and tools to compare against software computations.

At the end of the course, participants should be able to:
- Develop knowledge on complex slab design, frame design, beams with openings, etc
- Understand the principles of Strut and Tie Model (STM), and apply STM in the design of disturbed regions of reinforced concrete structures.
- Apply STM to corbels, brackets, beams with openings and deep beams.
- Understand the function of deep beams
- Analyse and design of slabs using Upper and Lower Bound Methods – Strip Method and Yield Line Method.

**CPD Points**
PEB: Pending
IES-ACES (ReEs/RTOs): Pending

**Date:** 19 & 20 Jul 2018
**Venue:** BCA Academy

To register, [CLICK HERE!](#)
Conferred by The University of Florida

Master of International Construction Management
With major in Construction Productivity

Tremendous growth in the international construction market has created opportunities for companies to engage in businesses across the international frontiers. With increasing complexities and demands for higher construction productivity, an effective management of construction resources must be integrated with technology, people and processes.

This Master of International Construction Management with major in Construction Productivity degree is designed to enable working professionals to expand their skills in managing construction projects in international market, and develop competencies in the latest construction productivity methodologies. The program is intended for the working professionals who are making vital decisions about the businesses and have potential be future leaders that will bring the built environment sector to a higher level of excellence.

2nd Intake: Starting on 7th Jan 2019
Stage 1 Application closes on 15th Jul 2018
Stage 2 Application closes on 31st Jul 2018

Duration of Program: 2 years (Part-time)

Venue: BCA Academy

For more information and to apply for the program, please CLICK HERE!
2-Day Course on

Certificate in Concrete Technology

The course is based on the new SS EN 206-1 and its compulsory standards SS 544-1 & 2. It gives interpretation of these standards and provides guidance to the production and conformity control of concrete. The course is a continuing education and training programme for engineers and supervisors who are involved in the concrete industry.

CPD Points
PEB: Pending
IES-ACES (for REs/RTOs): Pending (Structural)

11th Run Date: 16 & 17 Jul 2018
Venue: BCA Academy

To register, CLICK HERE!
1-day Workshop on
Programme Risk Management
Technical Use of Programmes to Control, Manage and Optimise the Project

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.

CPD Points
PEB: Pending
BOA-SIA: Pending

14th Run Date: 17 Jul 2018
Venue: BCA Academy

To register, CLICK HERE!
8-Evening course on

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 Forces; and the Jurong Rock Caverns, opened in September 2014.

With this trend and development, industry professionals need 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.

**CPD POINTS**
PEB: Pending
IES-ACES (REs/RTOs): Pending (Structural)

5th Run: 17, 19, 24, 26, 31 July, 2, 7 & 8 Aug 2018
Venue: BCA Academy

To register, [CLICK HERE!](#)
2-Day Workshop on Practical Applications of WSH Legislations in Construction Projects through Case Studies

Statutory legislations such as Workplace Safety and Health Act (WSHA) and its subsidiary legislations 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.

This practical workshop, through interactive learning activities and real-life case studies & court cases, will provide participants a clear understanding and appreciation of legal responsibilities of construction and safety personnel under the WSH Act and regulations.

**CPD Points**
- PEB: Pending
- WSH-CPD (for WSH Officers): 14 SDUs
- IES-ACES (for REs/RTOs): Pending (Safety)

**5th Run Date:** 24 & 25 Jul 2018
**Venue:** BCA Academy

To register, **CLICK HERE!**
5-evening Workshop on
Geotechnical Design using Eurocode 7

This workshop aims to prepare structural and geotechnical engineering practitioners for the adoption of the Eurocode 7 in Singapore. After attending the workshop, the participants will be able to:

- appreciate the design approach based on the Eurocodes
- appreciate the geotechnical design approach based on SS EN 1997 (EC 7) and Singapore National Annexes
- apply EC 7 for the design of spread and pile foundations
- apply EC 7 for the design of retaining structures
- apply EC 7 for the slope stability and embankment design

**CPD POINTS**
PEB: Pending
IES-ACES (RES/RTOs): Pending (Structural)

17th Run Date: 6, 8, 13, 15 & 20 Aug 2018
Venue: BCA Academy

To register, [CLICK HERE!](#)