2-Day Workshop on Structural Fire Engineering to Eurocodes 3 & 4: Part 1.2

Structural fire engineering deals with analysing the thermal effects of fires on buildings and designing members at elevated temperatures for adequate strength and resistance as well as stability in order to control the spread of fire. It is important for structural engineers to understand and apply the principles of structural fire engineering in the design of buildings so that buildings can be designed and constructed in such a way that, in the events of fires, their stability will be maintained for a specific period.

This 2-day workshop focuses on structural fire engineering design to Eurocodes 3 & 4: Part 1.2. It aims to prepare practising structural engineers for the adoption of Eurocodes in Singapore.

Accreditation

PEB: 14 PDUs
IES-ACES (for REs & RTOs): 12 STUs
WSH-CPD (for WSH Officers): 14 SDUs

Date: 6 & 7 Sep 2012
To register, click here!
7-Month Programme on Specialist Diploma in Workplace Safety and Health (WSH)

Under the legal framework of Workplace Safety and Health (WSH), a WSH Officer is required to be appointed for a construction project with a contract sum of $10 million or more. The Specialist Diploma in Workplace Safety and Health is one of the qualifications recognised for the registration of a WSH Officer by the Ministry of Manpower.

This course will also prepare the participants to take up employment as other WSH professionals such as WSH Managers, WSH Advisors, WSH Specialists, etc.

Date: For Intakes starting in end Nov 2012

To register, click here!

13-Evening Certification Course on Design of Precast Concrete Structures for Engineers

Structural design of precast concrete structures is significantly different from the design of cast-in-situ structures. The difference lies in the structural continuity of individual precast concrete components that are connected by a number of joints. Hence structural engineers who design precast concrete structures should have a good understanding of the behaviour and design principles of connections to ensure stability and safety of the structure.

This course will address the structural design issues of precast concrete technology. It also aims to train the practitioners on the practical design of precast concrete structures in an interactive manner.

Accreditation
PEB: 39 PDUs
IES-ACES (for REs & RTOs): 12 STUs
The Singapore Certified Energy Manager (SCEM) Programme

A Singapore Certified Energy Manager (SCEM) is envisaged to be a competent energy professional equipped to perform technical & managerial functions as a qualified person in energy auditing works (at level III), energy performance contracting and project management, energy efficiency analysis, energy economics and financial assessment. He or she is also expected to carry out data analysis, identify saving potentials and make sound recommendations and proposals.

The programme is recognised and endorsed by the US-Association of Energy Managers (AEE). Candidates who successfully obtained the professional SCEM certification are pre-qualified to sit for the CEM certification exam without attending AEE’s CEM preparatory course.

Date: 18 Sep - 6 Nov 2012
To register, click here!

Date: 7 Nov 2012 - 20 Mar 2013
To register, click here!

For enquiries or feedback, please email us at bca_academy@bca.gov.sg. Visit the BCA Academy’s website now for other seminars/courses details.