



HKIE
BS Division, Fire Division



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FSICA

COMPREHENSIVE CERTIFICATE COURSE ON FIRE SERVICES SYSTEMS 2010

Jointly organized by

The Hong Kong Institution of Engineers - Building Services Division (HKIE-BSD), Fire Division (HKIE-FE)
The Institution of Fire Engineers – Hong Kong Branch (IFE-HK)
The Chartered Institution of Building Services Engineers - Hong Kong Branch (CIBSE-HKB)
Building Services Operation and Maintenance Executives Society (BSOMES)
The Hong Kong Polytechnic University (HK PolyU – Dept. of BSE)
The Association of Registered Fire Service Installation Contractors of Hong Kong (FSICA)

Course Objectives

The course is designed to broaden knowledge of engineers in relation to Fire Services Systems and is useful for young engineers and practitioners who want to refresh / acquire knowledge in the design, installation and maintenance of these systems. All Guest Speakers, who are experienced / professional engineers/ officers from Government, University, Consultants, Manufacturers, Contractors and Properties / Facilities Management etc., will present you with some practical knowledge and experience sharing.

Date, Time & Venue

Date : 14 September, 2010 to 26 October, 2010 (please refer to time table)
Time : 7:00 pm to 9:30 pm
Venue : First Floor Auditorium – Duke of Windsor Social Service Building, 15 Hennessy Road, Wan Chai.

Language

Cantonese with English Terminology

Fee

	For members		For others	
	Fee	Early Bird before 15/08/10	Fee	Early Bird before 15/08/10
Per session of any topic	\$270	\$250	\$300	\$280
Full course of 12 sessions	\$2,640	\$2,400	\$3,120	\$2,880

Certificate : CPD Certificate will be issued for each session. A Comprehensive CPD Certificate endorsed by all Organizers will be issued to the participant who has registered for the Full Course and attended 10 sessions or above.



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Registration : Registration / enrollment will be on a first-come-first-served basis (priority will be given to members), all registrations are administered via FSICA. Please complete the enrollment form and sent to FSICA by fax (3747 3367) or by email (info@fsica.org.hk).

Enquiry : Please contact FSICA – Ms Ling Ho at Tel : 2390 6368 or e-mail: info@fsica.org.hk

Organizing Committee Members

- HKIE-BSD : Ir K F Yee, Ir Brian Cheng, Ir Patrick Lee, Ir K T Cheuk
- HKIE-FE : Ir Dr. Eric Lee
- IFE-HK : Ir K H Leung, Ir Daniel Lee
- CIBSE-HKB : Ir Ian Lee, Ir M K Liu
- BSOMES : Mr Cary Kwan, Ir Nelson Chiu
- HK PolyU-Dept. of BSE : Ir Dr. N K Fong
- FSICA : Mr Tony Ip, Ir Ken Li



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2010 消防系統綜合證書課程

合辦機構

香港工程師學會 - 屋宇裝備分部 (HKIE-BSD), 消防分部(HKIE-FE)

消防工程師學會 - 香港分會 (IFE-HK)

英國屋宇裝備工程師學會 - 香港分會 (CIBSE-HKB)

屋宇設備運行及維修行政人員學會 (BSOMES)

香港理工大學 - 屋宇設備工程學系 (HK PolyU- Dept. of BSE)

香港註冊消防工程公司商會有限公司 (FSICA)

上課日期、時間和地點

日期：2010年9月14日至10月26日(請參閱附上之時間表)

時間：晚上7時至9時30分

地點：溫莎公爵社會服務大廈一樓樓堂(香港灣仔軒尼詩道15號)

課程重點

本課程的講者皆來自政府部門、大學、工程顧問、製造商、承建商和物業及設施管理的資深從業員。他們以專業和實用的知識，使學員能獲得更深入認識各種消防系統和設備的設計、安裝、運行及維修保養等程序。課程為年青工程師及工程人員而設計，亦適合較資深從業員，從而達至溫故知新和自我增值之目標。

授課語言

講授語言以廣東話為主，並輔以英文專門用語。

學費

	各主辦機構之會員		非主辦機構申請者	
	學費	8月15日前報名	學費	8月15日前報名
報讀任何一節課程	\$270	\$250	\$300	\$280
全部課程(合共十二節)	\$2,640	\$2,400	\$3,120	\$2,880

證書： 1)修畢每一節課程之學員，即獲頒發一張當晚課程之延續專業發展課程證書。
2)報讀全部(12節)課程，並且出席達10節或以上之學員，除獲得多節個別課程之延續專業發展課程證書外，並獲發一張由所有合辦機構共同簽發的綜合課程修業證書。

登記： 名額有限，先到先得，額滿即止(會員優先)，請填妥報名表傳真(3747 3367)或電郵(info@fsica.org.hk)至香港註冊消防工程公司商會有限公司。

查詢： 香港註冊消防工程公司商會有限公司 - 何小姐 (電話: 2390 6368)



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籌委會成員名單 :

香港工程師學會 – 屋宇裝備分部 : 余光輝工程師、鄭偉能工程師、李華昌工程師、卓劍騰工程師

香港工程師學會 – 消防分部 : 李偉明博士、工程師

消防工程師學會 – 香港分會 : 梁冠康工程師、李啓昌工程師

英國屋宇裝備工程師學會 - 香港分會 : 李人龍工程師、廖明強工程師

屋宇設備運行及維修行政人員學會 : 關志賢先生、趙琨工程師

香港理工大學 – 屋宇設備工程學系 : 方乃剛博士、工程師

香港註冊消防工程公司商會有限公司 : 葉允雄先生、李家輝工程師



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Session	Day	Date	Key Topics	Brief Content	Name of Speaker*
1	Tue	14 Sep, 2010	Fire Services Installation (FSI) Design Practices - Part 1	- Design practice for water based fire extinguishing systems, AFA systems, fire suppression systems for special hazard and interfacing with other B.S. Systems, plus examples	Ir C S Lam Mr Tommy Leung
2	Thu	16 Sep, 2010	Fire Services Installation (FSI) Design Practices - Part 2	- Design practice for essential lighting, essential power, exit sign, generator set, etc. with examples - Staircase Pressurization System, proper handover to O&M Practitioners	Ir W S Tam Ir K K Lam
3	Tue	21 Sep, 2010	Statutory Submission and Deluge Foam Water System in Practice	- Statutory Submission Procedures - Application, system design Vs F.S. Codes requirements. - Installation considerations, T&C methods and procedures with practical examples.	Mr. H K Li
4	Tue	28 Sep, 2010	Fire Safety Management Plan	- Operation, Maintenance and Management of Fire Safety Management System - Experience sharing of performance-based design and fire safety management plan with practical case studies	Ir Dr. Fiona Tsui
5	Thu	30 Sep, 2010	Sprinkler System in Practice	- Application, water density & AMAO of Sprinkler System - Pre-calculation / hydraulic approach and pumps selection - System and static pressure Vs pressure switches settings and automatic control - Proper T&C methods and procedures with practical examples	Ir Wilson Pun
6	Tue	5 Oct, 2010	Overview of Fire Engineering Approach & Special Fire Evacuation Training	- Fire Engineering Approach Vs Fire Descriptive Code, overview of Fire Engineering Approach to basic principle, benefits and application in fire safety design. - Establishment of an accredited Fire Evacuation Emergency Training with concept of human life safety during evacuation	Dr. Vicky Leung Mr. Man Hon Chiu



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Session	Day	Date	Key Topics	Brief Content	Name of Speaker*
7	Thu	7 Oct, 2010	Problems in Hose Reel / Fire Hydrant Design and Management	- Problems identified in fire hydrant / hose reel system will be discussed including the design considerations and operation of the systems with examples obtained from site survey	Mr Edgar Pang
8	Tue	12 Oct, 2010	Structural Response to Fire in Performance-based Fire Safety Design	- Design of building structure during fire development in line with fire safety engineering (performance based design) as a whole. - Statutory requirements, standards and design practices with case studies sharing.	Ir Dr. Young Wong
9	Thu	14 Oct, 2010	The Latest Fire Extinguishing Technology and Fire Stopper	- New alternative means of active fire protection agents & systems. - Latest development of fire extinguishing technology, environmental and safety issues with experiences sharing, test standards and case studies of fire stopper.	Mr. George Yip
10	Tue	19 Oct, 2010	Latest Progress after the Enactment of Cap. 502 & 572	- Depict the latest progress after the enactment of the Fire Safety (Commercial Premises) Ordinance, Cap. 502 and the Fire Safety (Buildings) Ordinance, Cap. 572 provided an opportunity for the industry and other stakeholders for experience sharing	FSD Officers
11	Thu	21 Oct, 2010	Hot Smoke Tests	- Effective predictions by fire zone or field models for submission of design approval, theoretical basis, principles, essential elements of good practices, preparation and testing of Hot Smoke Tests	Ir Dr. Richard Yuen
12	Tue	26 Oct, 2010	Smoke Control System - Principles and Application	- Effective handling in smoke generation, creating high visibility for the environment, minimizing the temperature built up and toxicity. - Principles, design, practical application and testing of effective smoke control system	Ir Kenneth Li Ir Annie Choi

* Remarks: The names of speakers are subject to change without notification.