

# JOINT COMPREHENSIVE CERTIFICATE COURSE ON FIRE SERVICES SYSTEM 2022

Jointly organized by

Building Services Operation and Maintenance Executives Society (BSOMES)

The Chartered Institution of Building Services Engineers – CIBSE Hong Kong Region (CIBSE HKR)

The Association of Registered Fire Service Installation Contractors of Hong Kong Ltd (FSICA)

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 Branch)

## Date, Time & Venue

Date : 27 September 2022 to 17 November 2022

Time : 7:00 pm to 9:30 pm

Venue : By Webinar

## Course Objectives

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

## Language

Cantonese with English Terminology

## Fee

Per session of any topic	For Members		For others		For Fulltime Tertiary Student
	Fee	Early Bird before 30 Aug 2022	Fee	Early Bird before 30 Aug 2022	Fee
	\$300	\$270	\$320	\$300	\$100
Full course of 12 sessions	\$2,880	\$2,600	\$3,500	\$3,240	\$1,000

**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.

**Registration** : Registration / enrollment will be on a first-come-first-served basis (priority will be given to members of the Organizers), all registrations are administered via FSICA. Please complete and send the enrollment form to FSICA by fax (3747 3367) or by e-mail (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:

- BSOMES : Ir Timothy Chu, Ir Kevin Cheng, Ir Philip Pih, Ir Chris Ting, Ir Johnson Lau, Ir Sam Lee, Ir Candy Leung, Ms. Athena Chan
- CIBSE-HKB : Ir Patrick So, Ir Ivan Chan
- FSICA : Mr. CM Chan, Ir Eddie Leung, Mr. George Lee, Ir Linus Hui
- HKIE-BSD : Ir Jonathan Lee, Ir Albert Yau, Ir Keith Yue, Ir K F Yee, Ms. Mandy Wong
- HKIE-FE : Ir Jeffrey K H Leung, Ir Anthony W K Pau, Ir K V Vong
- IFE-HK : Ir Horace Lam

### Notes:

1. The registration / enrollment will be made on a first-come-first-served basis. Priority will be given to members of Organizers. Student should present the proof of his/her student's identity during the registration.
2. Early bird registration will be counted on the date of receipt of the cheque and will require full payment.
3. Please complete and send the enrollment form to FSICA by fax (3747 3367) or by e-mail (info@fsica.org.hk) for reservation. Your reservation will be confirmed by e-mail. After reservation is confirmed, please mail the form, the crossed cheque plus a self-addressed with enough postage envelope to FSICA, Room 1801, 18/F, Tung Wai Commercial Building, 109-111 Gloucester Road, Wanchai, Hong Kong.
4. **No Debit Note will be issued.** Crossed cheque should be made payable to "**The Association of Registered Fire Service Installation Contractors of Hong Kong Ltd.**" Please state the applicant's name with contact phone no. , e-mail and mark JCCCFS 2022 at the back of the cheque.
5. Registration fee(s) being paid is not refundable and not transferable.
6. The course will be conducted by Webinar, the official receipt and admission webinar link will be issued and e-mailed to you within 10 working days once the cheque is received. Please click the webinar link for each corresponding session in due course.
7. No CPD certificate will be awarded to individuals who arrive after 7:30pm (more than half hour late) or leave earlier than 9:00pm (more than half hour early).
8. 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. Such Comprehensive CPD Certificate could be collected after session 12.
9. The Webinar shall be closed when typhoon signal no.8 or above or black rainstorm warning is hoisted after (or is announced by the Hong Kong Observatory to be hoisted at/after) 4pm. The training course will be cancelled and rescheduled and announced the details in due course.
10. The Organizing Committee reserves the rights to amend the Terms and Conditions without prior notice.
11. In case of any disputes, the decisions of the Organizing Committee shall be final and conclusive.

## 消防系統聯會綜合證書課程 (JCCC 2022)

### 合辦機構

屋宇設備運行及維修行政人員學會 (BSOMES)  
英國屋宇裝備工程師學會-香港區 (CIBSE - HKR)  
香港註冊消防工程公司商會有限公司 (FSICA)  
香港工程師學會-屋宇裝備分部 (HKIE-BSD) 及消防分部 (HKIE-FE)  
消防工程師學會-香港分會 (IFE-HK)

### 上課日期、時間和地點

日期：2022 年 9 月 27 日至 2022 年 11 月 17 日 (請參閱附上之時間表)

時間：晚上 7 時至 9 時 30 分

地點：網上研討會

### 課程重點

本課程的講者皆來自相關政府部門、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，並輔以英文專用名詞。

### 學費：

報讀任何一節課程	各主辦機構之會員		非主辦機構申請者		全日制大專學生
	學費	2022 年 8 月 30 日前報名	學費	2022 年 8 月 30 日前報名	學費
	\$300	\$270	\$320	\$300	\$100
全部課程(合共十二節)	\$2,880	\$2,600	\$3,500	\$3,240	\$1,000

**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](mailto:info@fsica.org.hk)) 至香港註冊消防工程公司商會有限公司。

### 付款方法:

網上註冊後，請將支票及有足夠郵費的回郵信封寄給「香港註冊消防工程公司商會有限公司」，地址如下：  
"香港註冊消防工程公司商會有限公司-香港灣仔告士打道 109-111 號東惠商業大廈 18 樓 1801 室-何小姐收  
請在支票背面寫上姓名，聯絡電話，並標記「JCCC-FS 2022」。

**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)

備註:

- 1) 報名以先到先得的方式進行。主辦單位成員優先。學生應在註冊時出示其學生身份證明。
- 2) 早鳥登記會計算在支票的接收日期，並須要全額付款。
- 3) 請填妥報名表並傳真（3747 3367）或電郵（info@fsica.org.hk）至 FSICA 預約。您的預訂將通過電子郵件確認。預訂確認後，請將表格、劃線支票及回郵地址及足夠郵資信封郵寄至香港灣仔告士打道 109-111 號東威商業大廈 18 樓 1801 室消防商會收。
- 4) 不會發出發票。劃線支票抬頭請註明「香港註冊消防工程公司商會有限公司」，並在支票背面註明 JCCCCS 2022，姓名，聯絡電話號碼及電郵。
- 5) 支付的註冊費不予退還，亦不可轉讓。
- 6) 課程將通過網絡研討會進行，我們將在收到支票後 10 個工作日內向您發出正式收據和錄取網絡研討會連接，並通過電子郵件發送給您。請在適當的時候點擊每個相應的網絡研討會連接。
- 7) 晚上 7:30 後登記(遲到超過半小時)或晚上 9:00 之前離開(早退半小時)將不頒發 CPD 證書。
- 8) 經所有組織者認可的綜合 CPD 證書將頒發給已註冊完整課程並參加 10 節或以上的參與者。此類綜合 CPD 證書可在第 12 節課後領取。
- 9) 當八號或以上颱風訊號或黑色暴雨警告在下午四時後懸掛（或香港天文台宣佈於下午四時或之後懸掛）時，網絡研討會將關閉。培訓課程將取消和重新安排，並適時公佈具體情況。
- 10) 合辦機構保留修改條款和條件的權利，恕不另行通知。
- 11) 如有任何爭議，合辦機構的決定會是最終決定。

Session	Date	Key Topics	Brief Content	Name of Speaker (*)
Session 1 (cum opening Ceremony)	27 Sep 2022	Fire Engineering Application on Transport Interchange and High Atrium	<ul style="list-style-type: none"> <li>Smoke control methods for transport interchange and atrium</li> <li>Lessons learned</li> <li>Other FSI protection</li> </ul>	Ir Annie Choi Ir Antony Sien
Session 2	29 Sep 2022	Cavern Fire Engineering Design	<ul style="list-style-type: none"> <li>Long term strategy of cavern development</li> <li>Review of local and international cavern development</li> <li>Code of practice/guideline on cavern development around the world</li> <li>The local practice in HK on cavern development &amp; case study</li> </ul>	Ir Gary Au Ir WK Pin Ir Clayton Chan
Session 3	6 Oct 2022	Latest FSI Design	<ul style="list-style-type: none"> <li>Relevant FS Ordinance / Statutory Code for system design</li> <li>Selection of firefighting system: water based, gas, detection system, active / passive fire protection</li> <li>Do / Don't for system design / installation.</li> <li>FS interfacing with other associated system / provision</li> </ul>	Ir Eric Lee Ms. Vicki Tang
Session 4	11 Oct 2022	Advanced Fire Alarm Detection Technology and IOT Smoke Detector Application)	<ul style="list-style-type: none"> <li>Advanced Fire Alarm Detection Technology</li> <li>Aspiration Smoke Detection update</li> <li>Fire IoT Applications</li> <li>Standalone IoT Smoke Detector Applications</li> </ul>	Mr. Zacky Woo
Session 5	13 Oct 2022	Dynamic Smoke Extraction, Tunnel Smoke Extraction Fan Design and Selection	<ul style="list-style-type: none"> <li>FSD requirements on Smoke Extraction Fans</li> <li>Tunnel fan design</li> <li>Fan selection considerations</li> </ul>	Mr. Louis Chi Mr. Martin Jim
Session 6	25 Oct 2022	Passive Fire Protections - Use and Misuse of Fire Test Report and Fire Assessment Report	<ul style="list-style-type: none"> <li>HOKLAS reports in construction practice</li> <li>Difference between Fire Test Report and Fire Assessment Report</li> <li>What is Fire Assessment – background &amp; requirement</li> <li>Case study</li> </ul>	Ir Dr. Dominic W.K. Yu
Session 7	27 Oct 2022	Case Studies on Hot Smoke Test	<ul style="list-style-type: none"> <li>FSD Circular Letter No. 2/2002 synopsis</li> <li>Australia Standard – AS 4391 hot smoke testing frameworks</li> <li>Testing sequence</li> <li>Hot smoke test temperature record interpretation</li> <li>Testing report content</li> <li>Case study</li> </ul>	Mr. Happy W.H. Ng

Session	Date	Key Topics	Brief Content	Name of Speaker (*)
Session 8	1 Nov 2022	Latest Technology and Standard on Sprinkler Systems	<ul style="list-style-type: none"> <li>Understanding of the principles of system design, major components and the operation of sprinkler systems</li> <li>Knowledge of the local code / LPC rules and BS EN 12845 of sprinkler rules</li> <li>Understanding the operating linking to other active fire protection systems</li> <li>How full-scale fire link in relation to the LPC rules</li> </ul>	Mr. Simon Yan  Mr. Victor Ng
Session 9	3 Nov 2022	Application of Fire Engineering in Hong Kong	<ul style="list-style-type: none"> <li>Knowledge of local statutory requirements</li> <li>Understanding of the comparative and deterministic fire engineering approaches</li> <li>Technique in using computational fluid dynamics (CFD)</li> <li>Technique in using evacuation models</li> <li>Understanding of the building evacuation and fire risk assessment</li> </ul>	Ir Dr. Jason Yuen
Session 10	10 Nov 2022	Approach to Alteration and Addition of Fire Service Installations in Existing Buildings	<ul style="list-style-type: none"> <li>Fire Service Installations (FSIs) and its Key Considerations</li> <li>FS Works involved when a Building changes in Use</li> <li>Upgrading FSIs to meet Current FSD's requirements</li> <li>Case Sharing on Statutory Compliance for FSD Inspections in Conversion and Upgrading Projects</li> </ul>	Ir K. K. Lam
Session 11	15 Nov 2022	Fire Safety Management Plan for Hotel Buildings	<ul style="list-style-type: none"> <li>Overview of Effective Fire Safety Management Plan</li> <li>Case Sharing on Fire Safety Management for Major Renovation Projects</li> </ul>	Mr. Tenny Kwok  Mr. Jackson Lao
Session 12 (cum Closing Ceremony)	17 Nov 2022	Best Practices for Operation and Maintenance Service of Fire Service Installations	<ul style="list-style-type: none"> <li>FS O&amp;M Best Practices Overview,</li> <li>O&amp;M Framework,</li> <li>Technology Initiatives,</li> <li>Case Study / Sharing</li> <li>Prepare maintenance schedule And carry out T&amp;C record of annual inspection</li> <li>Prepare the certificates (FS251) and all related documents for FSD submission</li> </ul>	Mr. Leung Ka Fung  Mr. Lo Ho Yan, Alex  Mr. Tonny Lam

\* Remarks: The contents and name of speaker may be subject to change without prior notification.