Joint Comprehensive Certificate Course 2025
on
Sustainable & Intelligent Electrical Systems

Jointly organized by
Building Services Operation and Maintenance Executives Society (BSOMES)
The Chartered Institution of Building Services Engineers - Hong Kong Region (CIBSE-HKR)
The Hong Kong Institution of Engineers - Building Services Division (HKIE-BSD)
Hong Kong Electrical Contractors' Association (HKECA)

Date, Time & Venue

Date : 18 September 2025 to 13 November 2025 (please refer to the attached time table)
Time : 7:00 pm to 9:30 pm
Venue : Conference Hall, 4/F, Hong Kong Productivity Council, HKPC Building, 78 Tat Chee Avenue, Kowloon, Hong Kong (Please refer to the attached location map)

Programme Highlights

The course is designed to broaden engineers' knowledge in Electrical Systems and is beneficial for young engineers and practitioners seeking 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 experiences sharing.

Language

Cantonese with English Terminology

Fee

Per session of any topic	For Members of the Organizers & Supporting Organizations		For Non-members of the Organizers & Supporting Organizations		For Fulltime Tertiary Student (with limited quota)
	Fee	Early Bird before 15 Sept 2025	Fee	Early Bird before 15 Sept 2025	Fee
	$320	$290	$340	$320	$100
Full course of 12 sessions	$3,120	$2,800	$3,700	$3,450	$1,000

Certificate

1. A CPD certificate will be issued to participants for each full session.
2. In addition to any individual session certificate(s) issued, a full course certificate will be issued to those who have applied for the full course with attendance of at least 10 full sessions.
3. This course is recognized under the Continuing Professional Development (CPD) Scheme of the Property Management Services Authority as an "official" activity in the "core" content category. Property management practitioner licensees may earn a maximum of two CPD hours per session by participating in this course.
4. This CPD programme is accredited by EMSD under the REW CPD Registration Scheme. (1st session)

Registration

Please register online through this following link: https://forms.gle/yXWgwup1oPJKp967A or scan the QR code below: -

Registration/enrollment will be on a first-come-first-served basis (priority will be given to members of the Organizers and Supporting Organizations), and invoice would be issued within 5 days.

Payment Method

After online registration, please send a crossed cheque by post to "**Hong Kong Electrical Contractors' Association Limited**" to 8/F, Kwong Ah Building, 114 Thomson Road, Wanchai, Hong Kong. Cash or post-dated Cheque should not be sent through the post. Please be reminded to write the applicant's name with a contact phone number and invoice number, mark "**JCCC ELE 2025**" on the back of the cheque and envelope.

Remarks

1. The registration / enrollment will be made on a first-come-first-served basis. Priority will be given to members of Organizers and Supporting Organizations. Students should declare their student's identity during registration.
2. Early bird registration is subject to the receiving date of cheque with full payment.
3. Registration fee(s) paid is/are non-refundable and non-transferable.
4. No CPD certificate will be awarded to individuals who arrive at the venue after 7:30pm (more than half hour late) or leave before 9:00pm (more than half an hour early).
5. If Typhoon Signal No. 8 or above or a Black Rainstorm Warning is in force during class, or if Typhoon Signal No. 8 or above is hoisted within 2 hours before the class commences, any class already in progress will be dismissed immediately and imminent classes will be cancelled. As such, a make-up class will be arranged.
6. The organizer reserves the right to amend the terms and conditions without prior notice.
7. In case of any disputes, the decisions of the organizer shall be final and conclusive.

Enquiries

Please contact the Secretariat : Tel: 2572 0843 (Ms Alice Au Yeung)
WhatsApp at Tel: 9029 0843
e-mail: jcccele2025@gmail.com

Organizing Committee Members:

BSOMES	:	Ir Timothy Chu, Ir Chris Ting, Ir Philip Pih, Ir Peter Ho, Ir Wommy Wong, Ms Athena Chan, Ir Dr. Candy Leung, Mr Ken Pong, Ms Michelle Cheung
CIBSE-HKR	:	Ir Eric Lau, Ir K H Shing, Ir Carmen Fong, Mr John Wong
HKIE-BSD	:	Ir K F Yee, Ir Sr Jonathan Lee, Ir S C Ngan, Ir Albert Yau, Ir Derek Chan
HKECA	:	Mr George Kwan, Ms Alice Au Yeung

電力系統綜合證書課程 2025

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 - 香港分會 (CIBSE-HKR)
香港工程師學會 - 屋宇裝備分部 (HKIE-BSD)
香港電器工程商會 (HKECA)

上課日期、時間和地點

日期 : 2025 年 9 月 18 日至 11 月 13 日 (請參閱附上之時間表)
時間 : 晚上 7 時至 9 時 30 分
地點 : 香港九龍達之路 78 號生產力大樓香港生產力促進局四樓會議廳 (請參閱附上之地圖)

課程重點

本課程的講者來自相關政府部門、大學、工程顧問、製造商、承建商以及物業及設施管理的資深從業員。他們憑藉專業而實用的知識，讓學員更深入認識各種電力系統設備在建築物中的安裝、運作及維修保養等程序，以及關法例的規範及執行的要求。課程針對年青工程師及工程人員而設計，同時也適合較資深從業員，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

	各主辦機構及支持機構之會員		非主辦機構及支持機構申請者		全日制大專學生 (附特定限額)
報讀任何一節課程	學費	2025 年 9 月 15 日前報名	學費	2025 年 9 月 15 日前報名	學費
	$320	$290	$340	$320	$100
全部課程 (合共十二節)	$3,120	$2,800	$3,700	$3,450	$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持續專業發展課程證書。
2. 報讀全部 (12 節) 課程，並且出席率達 10 節或以上之學員，除獲得多節個別課程之持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。
3. 電力系統綜合證書課程 2025 在物業管理業監管局「持續專業發展計劃」下獲認可為正式核心類別的相關課程，物管人牌照持有人可通過參加本課程，每節獲得最多 2 小時的認可參與時數。
4. 此持續專業進修課程/活動已獲機電工程署註冊電業工程人員持續進修課程的認可。(第 1 節)

登記

名額有限，先到先得，額滿即止(各主辦機構及支持機構之會員優先)，網上登記請按下列連結: https://forms.gle/yXWgwup1oPJKp967A 或下邊的 QR code 網頁。發票將在 5 天內發出。

付款方式

網上報名後，請郵寄劃線支票，支票抬頭為「**香港電器工程商會有限公司**」，郵寄致香港灣仔譚臣道 114 號廣亞大樓 8 字樓 - 香港電器工程商會有限公司收。現金或遠期支票不應以郵寄方式寄送。請注意：支票背面請填寫申請人姓名、聯絡電話及發票編號。並在支票背面及信封背面註明「**JCCC ELE 2025**」。

備註

1. 報名以先到先得的方式進行。主辦機構及支持機構之會員優先。學生應在註冊時聲明其學生身份。
2. 早鳥登記將按支票的接收日期計算，並需全額付款。
3. 支付的註冊費不予退還，亦不可轉讓。
4. 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)將不獲頒發 CPD 證書。
5. 當八號或以上颱風信號/黑色暴雨警告在上課期間生效，或在開課前 2 小時內懸掛八號或以上颱風信號，任何已在進行中的課程將立即停課，即將開課的課程被取消，並將重新安排，按具體情況將適時公佈。
6. 合辦機構保留修改條款和條件的權利，恕不另行通知。
7. 如有任何爭議，合辦機構的決定將會視為最終決定。

查詢

請聯絡秘書處 : 電話: 2572 0843 (歐陽小姐)
WhatsApp 電話: 9029 0843
電郵: jcccele2025@gmail.com

籌委會成員名單

屋宇設備運行及維修行政人員學會	:	朱植基工程師、丁燦球工程師、畢金拴工程師、何德成工程師、黃銘光工程師、陳雅茵小姐、梁穎嫻博士工程師、龐浩芹先生、張樂賢小姐
英國屋宇裝備工程師學會-香港分會	:	劉啟昌工程師、盛君灝工程師、方治心工程師、汪俊亨先生
香港工程師學會-屋宇裝備分部	:	余光輝工程師、李文光工程師測量師、顏詔昌工程師、丘達興工程師、陳德誠工程師
香港電器工程商會	:	關新全先生、歐陽小姐

Time Table

Session	Date	Key Topics	Brief Contents	Name of Speaker*
1	18 Sep 2025 (Thu)	Electricity Ordinance and Preview of Electrical Safety Enhancement on Code of Practice for the Electricity (Wiring) Regulations 2025 Edition	• Legislative requirements in Electricity Ordinance, Electricity (Registration) Regulations, and Electricity (Wiring) Regulations and safety requirements in conducting electrical work • Preview of Code of Practice for the Electricity (Wiring) Regulations 2025 Edition	HKIE-BSD Ir Kelvin Chan Ir Patrick Chong
2	22 Sep 2025 (Mon)	Electrical Design for Healthcare Facilities	• Electrical Installation for Healthcare Facilities • Design Standards for Healthcare Facilities • Design for Critical Facilities • Design for Operating Theaters	HKIE-BSD Ir Jimmy Li
3	25 Sep 2025 (Thu)	Whole Life Cycle Carbon Assessment of Electrical Equipment	• Introduction to Whole Life Cycle Carbon Assessment • Importance of assessing carbon footprint in electrical equipment (e.g., transformers, cables) • Carbon Impact of Electrical Equipment • Case Studies • Approach: Tools and methodologies for quantifying emissions • Incorporating LCA into equipment procurement and project planning	CIBSE-HKR Ir Melody Wong
4	26 Sep 2025 (Fri)	Safety by Design and Practical Examples Through MiMEP Approach	• Challenges and applications of MiMEP (Multi-trade Integrated Mechanical, Electrical, and Plumbing Engineering) • Project Management of MiMEP • Safety by MiMEP Design	HKECA Ir Victor Tse
5	30 Sep 2025 (Tue)	Applications of Battery Energy Storage Systems	• About BESS (Battery Energy Storage Systems) • Application examples of BESS • Management aspect of BESS	HKECA Ir Ian Lee

Time Table

Session	Date	Key Topics	Brief Contents	Name of Speaker*
6	13 Oct 2025 (Mon)	Sustainable and Intelligent Electrical Systems for New Buildings	• Concept of Sustainability • Sustainable and intelligent electrical systems combine smart grids, renewable energy integration • Energy Transition	HKECA Ir Dr F. C. Chan
7	16 Oct 2025 (Thu)	Digital Twins application for LV Power Distribution and Monitoring, and the Development and Operation of Microgrid & DC Grid	• Power system modeling and simulation software • LV Power monitoring and correction • Condition monitoring of electrical assets • Microgrid and DC solutions for Distributed Energy Resources (DERs)	BSOMES Mr. Travis Kan
8	22 Oct 2025 (Wed)	Optimization of Eco - friendly Management and Reliability of Generator Operations in Existing Buildings through Intelligent Monitoring and Customized Design	• Plant room locations and environmental considerations with HV case sharing • Underlying causes and resolutions for air pollution and noise issues via proactive monitoring and control systems • Improvement of generator reliability through customized design of the cooling and fuel supply systems	BSOMES Ir Calvin Sin
9	3 Nov 2025 (Mon)	Safety, Sustainability, and Grid Resilience with Digital Electrification	• Enhanced Electrical Safety: • AFDDs help prevent electrical fires by detecting dangerous arc faults early • Optimized Energy Efficiency: • Smart MCBs enable real-time energy monitoring and analytics, supporting energy optimization and aligning with global sustainability objectives • Increased Power System Resilience: • The integration of Smart Field Devices and Digital Platform to predict problems and keep power systems running reliably	CIBSE-HKR Ir Keith Wong

Time Table

Session	Date	Key Topics	Brief Contents	Name of Speaker*
10	6 Nov 2025 (Thu)	Electrical System Operation in Critical Mission Data Center	• Brief electrical distribution system in data center including HV system • Operation best practice for generator maintenance in data center industry • Self-developed electrical capacity loading platform	BSOMES Ir K W Tang
11	11 Nov 2025 (Tue)	Power Supply Reliability & Quality	• Power supply and reliability. • Electricity decarbonisation for demand side management toward net zero • Power quality requirement and measures	CIBSE-HKR Ir Gary Chiang
12	13 Nov 2025 (Thu)	The Development of Smart Power Distribution in Building	• LV switchboard operating conditions monitoring • Power distribution conditions analysis • Precision of distribution and limits	HKIE-BSD Ir Sherman Tong

* Remarks: The speakers may be subject to change without notification.

Location Map

Hong Kong Productivity Council Address:
HKPC Building, 78 Tat Chee Avenue, Kowloon, Hong Kong

地圖
香港生產力促進局地址:
香港九龍達之路 78 號生產力大樓