Course Code: 95202

Comprehensive Certificate Course for BEAM Plus on Health and Wellbeing ("HWB")

Co-Organised by

Business Environment Council Institute of Environmental Education ("BEC IEE"),

BEAM Society Limited ("BSL") and

ASHRAE Hong Kong Chapter ("ASHRAE-HKC")

Course Description

BEAM Plus is Hong Kong's leading environmental assessment scheme for buildings. Among its performance categories, Health and Wellbeing ("HWB") addresses both the broader dimensions of sustainable building design and the health and comfort of building occupants. It covers a wide range of indoor and outdoor environmental factors that influence the quality of living and working environments.

This intensive training course provides participants with fundamental concepts, practical insights into industry applications, BEAM Plus requirements, and valuable experience sharing. It is designed for architects, engineers, consultants, contractors, interior designers, building managers, and other professionals interested in green and sustainable building. Delivered by experienced and knowledgeable speakers, the course equips participants with essential competencies related to HWB.

2 CPD hours for BEAM Professional / BEAM Affiliate per each session.

Date, Time & Venue

Date : 7 to 28 July 2026 (Selected Tuesday and Thursday, please refer to timetable for exact dates)
Time : 7:00 p.m. to 9:00 p.m.
Venue : Jockey Club Environmental Building, 77 Tat Chee Avenue, Kowloon Tong, Hong Kong

Language
Cantonese supplemented with English materials

Course Fee

		Member of BEC / BSL / ASHRAE-HKC / BEAM Pro / BEAM Affiliate	Member of Supporting Organisations	General Public
Per session of any topic	Standard Rate	$640	$720	$800
	Early Bird Rate (Register by **31 May**)	$580	$640	$720
Full course of six sessions	Standard Rate	$3,600	$4,000	$4,500
	Early Bird Rate (Register by **31 May**)	$3,240	$3,600	$4,000

Certificate : An individual Certificate of Attendance will be issued for each session. A comprehensive e-CPD Certificate, endorsed by all organisers, will be awarded to participants who register for the full course and attend all six sessions.

For BEAM practitioners, the CPD hours will be automatically uploaded to your BEAM Pro/ BEAM Affiliate Individual Account.

Registration : Registration is on a first-come, first-served basis, with priority given to members of the organisers and supporting organisations. Please register via BEC IEE by completing the online registration form by 30 June 2026.

Enquiry : Please contact Ms Giovanna Lau at 2784 3971 or email to beciee@bec.org.hk

Session (Date & Time)	Key Topic	Brief Content*	Speaker*
Session 1 7 July 2026 (Tue) (7:00 to 9:00 p.m.)	Indoor Air Quality ("IAQ") and Ventilation	- Hong Kong Clean Air Plan and Government initiatives on improving IAQ - Application of ASHRAE Standard 62.1 in ventilation design to achieve acceptable IAQ - Strategies for odour removal and reduction of indoor air pollutants - Mould prevention and control measures - IAQ sampling techniques	Dr Veronica Chan (HKBU)
Session 2 9 July 2026 (Thu) (7:00 to 9:00 p.m.)	Acoustics and Aural Comfort	- Fundamentals of acoustics - Noise and vibration control techniques - Practical noise and vibration assessment methods - Compliance of building services noise and vibration with relevant ISO/BS guidelines	Ir K K Iu (Westwood Hong & Associates)
Session 3 14 July 2026 (Tue) (7:00 to 9:00 p.m.)	Lighting Design and Visual Comfort	- Fundamentals of Lighting Design: basic terminology and design principles - Lighting Performance Metrics: Illuminance (lux), Unified Glare Rating (UGR), illuminance uniformity, and Colour Rendering Index (CRI) - Daylight Performance Evaluation: Spatial Daylight Autonomy (sDA) and Annual Sunlight Exposure (ASE) - Daylighting Design Strategies: Optimising daylight availability while controlling glare and maintaining visual comfort	Ir Dr Roger Ng (IVE)
Session 4 16 July 2026 (Thu) (7:00 to 9:00 p.m.)	Healthy, Biophilic and Inclusive Spaces Design	- Design measures that support user health, wellbeing and physical activity in buildings - Biophilic design principles and visual quality assessment for enhancing connection with nature - Key considerations for inclusive and universally accessible design	Ar M K Leung (RLP)
Session 5 23 July 2026 (Thu) (7:00 to 9:00 p.m.)	Thermal Comfort Design	- Application of ASHRAE Standard 55 for analysis of thermal environmental conditions for occupants - Use of thermal comfort simulation tools in design - Practical methods to assess thermal comfort performance in buildings	Ir Dr Sam Hui (HKU)
Session 6 28 July 2026 (Tue) (7:00 to 9:00 p.m.)	BEAM Plus Project Sharing on HWB	- Overview of HWB credits under BEAM Plus NB v2.0 - Case sharing on BEAM Plus submission on HWB	Ir Joshua Tong (BSL)

* Remarks: The content and speakers are subject to change without notification.

Supporting Organisations