



香港聲學學會 Hong Kong Institute of Acoustics

Supporting Organizations:



PROFESSIONAL DIPLOMA

IN

ACOUSTICS, NOISE AND VIBRATION CONTROL 2025

Programme Highlights and Course Outline

The Hong Kong Institute of Acoustics (HKIOA) in association with the supporting organizations of The Chartered Institution of Water and Environmental Management Hong Kong Branch (CIWEM-HK), The Environmental Management Association of Hong Kong (EMAHK), Hong Kong Institute of Environmental Assessment (HKIEIA), Hong Kong Institute of Environmental Protection Officers (HKIEPO) and Hong Kong Institute of Qualified Environmental Professionals (HKIQEP) are proud to present this professional diploma course with a structured framework comprising basic acoustics, noise control concept and management to local professionals. The outlines of the courses are:

Core Module 1: Fundamentals in Acoustics, Control and Monitoring Total 26 Hours

Session 1:	Basic Acoustics Principle (Part 1)
Session 2:	Basic Acoustics Principle (Part 2)
Session 3:	Basic Acoustics Principle (Part 3)
Session 4:	Noise Monitoring & Measurement (Part 1)
Session 5:	Noise Monitoring & Measurement (Part 2)
Session 6:	Soundscape and Modelling (Part 1)
Session 7:	Soundscape and Modelling (Part 2)
Session 8:	Noise Control & Ordinance (Part 1)
Session 9:	Noise Control & Ordinance (Part 2)
Session 10:	Noise Control & Ordinance (Part 3) Noise Pollution Sources and Impacts
Session 11:	Architectural Acoustics (Part 1)
Session 12:	Architectural Acoustics (Part 2)
Session 13*:	Assessment for Fundamentals in Acoustics, Control and Monitoring

Core Module 2: Environmental Noise Modelling and Practical Solution Total 26 Hours

Session 14:	Calculation of Road Traffic Noise Methodology
Session 15:	Product and Machine Noise (Part 1)
Session 16:	Product and Machine Noise (Part 2)
Session 17:	Railway Noise and Practical Solution (Part 1)
Session 18:	Railway Noise and Practical Solution (Part 2)
Session 19:	Noise Prediction Modelling (Part 1)
Session 20:	Noise Prediction Modelling (Part 2)
Session 21:	Construction and Industrial Noise (Part 1)
Session 22:	Construction and Industrial Noise (Part 2)
Session 23:	Experience and Practical Solution on Road Traffic Noise Assessment
Session 24:	Hands-on Experience on Road Traffic Noise Measurement and Latest Developments in Instrumentation
Session 25:	On-site Road Traffic Noise Measurement (Site Practices)
Session 26*:	Assessment for Environmental Noise Modelling and Practical Solution

*examination to be conducted for each core module

^candidate who has attended the above full course training and passed the two assessments would be considered fulfilling the membership requirements of HKIOA as have been educated in acoustics or in a discipline relevant to the practice of acoustics.

Note: The HKIQEP Professional Assessment (Part I) syllabus on noise is also covered in this course.

Fees, Certificates, Language, Enquiry and Registration

Certificates	Professional diploma (with CPD) will be issued by HKIOA to the participants after completed and passed the examination (assessment) for all <u>Core Modules 1 and 2</u> . The Professional Diploma will be recognized as HKIOA continuous professional development (Partial).
Language	English supplemented with Cantonese
Teaching Platform	Online: Zoom or MS Teams Face-to-face: Venue to be Advised *Location of Session 25: Practical Session On-site Road Traffic Noise Measurement is to be confirmed
Fees	For Members of HKIOA or Supporting Organizations HK\$6,500 for Core Module 1 HK\$6,500 for Core Module 2 For Other Participants (Non-Members of HKIOA or Supporting Organizations) HK\$13,000 for Core Module 1 HK\$13,000 for Core Module 2
Enquiry and Registration	Reservations will be confirmed upon receipt of payment and are subject to availability on first-come, first-served basis. Successful applicants will be informed via e-mail. The organisers reserve the right to change the course topics, schedule and speakers. Course information/registration form is also available from web sites www.hkioa.org . Enrollment will be made on first-come, first-served basis. Enquiries can be given to Course Administrator (Email: education@hkioa.org).
Deadline of Application	25 Apr 2025 (Late application will not be accepted)
Course Administrators	Dr. Horus CHAN and Dr. Gary YUEN
Course Coordinators	Dr. Clief TANG, Dr. Mors LEUNG, Mr. Alson PANG, Mr. Joe LEUNG and Mr. Ken WONG

Date, Time and Venue

Core Module 1			
Session	Topic	Date/Time/Teaching Platform	Speakers
S1	Basic Acoustics Principle (Part 1)	2 May 25 / 18:30 – 20:30 / Online	Dr. Louisa CHEUNG
S2	Basic Acoustics Principle (Part 2)	5 May 25 / 18:30 – 20:30 / Online	
S3	Basic Acoustics Principle (Part 3)	7 May 25 / 18:30 – 20:30 / Online	
S4	Noise Monitoring & Measurement (Part 1)	9 May 25 / 18:30 – 20:30 / Face-to-face	Mr. CL WONG
S5	Noise Monitoring & Measurement (Part 2)	12 May 25 / 18:30 – 20:30 / Face-to-face	
S6	Soundscape and Modelling (Part 1)	15 May 25 / 18:30 – 20:30 / Face-to-face	Dr. CK CHAU
S7	Soundscape and Modelling (Part 2)	19 May 25 / 18:30 – 20:30 / Face-to-face	
S8	Noise Control & Ordinance (Part 1)	21 May 25 / 18:30 – 20:30 / Face-to-face	Ms. Jamie LAI
S9	Noise Control & Ordinance (Part 2)	23 May 25 / 18:30 – 20:30 / Face-to-face	Ms. Karen LEONG
S10	Noise Control & Ordinance (Part 3) Noise Pollution Sources and Impacts	26 May 25 / 18:30 – 20:30 / Face-to-face	Mr. Ken LAM
S11	Architectural Acoustics (Part 1)	28 May 25 / 18:30 – 20:30 / Face-to-face	Dr. Mors LEUNG
S12	Architectural Acoustics (Part 2)	30 May 25 / 18:30 – 20:30 / Face-to-face	

Core Module 1			
Session	Topic	Date/Time/Teaching Platform	Speakers
S13	Assessment for Core Module 1	9 Jun 25 / 19:00 – 21:00 Business Environmental Council	-
Core Module 2			
Session	Topic	Date/Time/Teaching Platform	Speakers
S14	Calculation of Road Traffic Noise Methodology	11 Jun 25 / 18:30 – 20:30 / Face-to-face	Dr. Elvis LAU
S15	Product and Machine Noise (Part 1)	12 Jun 25 / 18:30 – 20:30 / Face-to-face	Dr. YU Xiang
S16	Product and Machine Noise (Part 2)	13 Jun 25 / 18:30 – 20:30 / Face-to-face	
S17	Railway Noise and Practical Solution (Part 1)	16 Jun 25 / 18:30 – 20:30 / Face-to-face	Dr. Calvin CHIU
S18	Railway Noise and Practical Solution (Part 2)	18 Jun 25 / 18:30 – 20:30 / Face-to-face	
S19	Noise Prediction Modelling (Part 1)	20 Jun 25 / 18:30 – 20:30 / Face-to-face	Mr. Edward CHAN
S20	Noise Prediction Modelling (Part 2)	23 Jun 25 / 18:30 – 20:30 / Face-to-face	
S21	Construction and Industrial Noise (Part 1)	25 Jun 25 / 18:30 – 20:30 / Online	Mr. Edmond WU
S22	Construction and Industrial Noise (Part 2)	27 Jun 25 / 18:30 – 20:30 / Online	
S23	Experience and Practical Solution on Road Traffic Noise Assessment	3 Jul 25 / 18:30 – 20:30 / Face-to-face	Mr. Ken LAM
S24	Hands-on Experience on Road Traffic Noise Measurement and Latest Developments in Instrumentation	4 Jul 25 / 18:30 – 20:30 / Face-to-face	Mr. Ivan HO
S25*	On-site Road Traffic Noise Measurement (Site Practices)	5 Jul 25 / 09:30 – 11:30	
S26	Assessment for Core Module 2	14 Jul 25 / 19:00 – 21:00 Business Environmental Council	-

The organisers reserve the right to change the course topics, venue, date, time and speakers if necessary

Registration



Please register online via:

<https://form.jotform.com/250647945767473>

Notes:

- Enrollment will be made on first-come, first-served basis.
- The discounted fee is applicable to **Current Members** of HKIOA and supporting organizations. Those applicants under the application of membership status are NOT considered as current member.
- Please settle the fee by FPS to HKIOA FPS ID 106620909, or by credit card or PayPal as instructed in the registration form. The payment is non-refundable, and receipt will be issued by email within two months after the application deadline.
- Reservations will be confirmed upon receipt of payment and subject to availability of places. Successful applicants will be notified via email.
- The organisers reserve the right to prioritize registration for members of HKIOA and supporting organizations in the event of over-subscription.
- The organisers reserve the right to change the course topics, venue, date, schedule and speakers if necessary.
- Course information and registration forms are also available on the HKIOA web site at www.hkioa.org
- Course materials can be downloaded from website or FTP, details of which will be emailed to the candidates prior to course commencement.
- Course materials provided shall be used solely for this course and shall not be sold, reused, rented, loaned, or otherwise disclosed to third party. Copyrights of all course materials (include examination questions) are held by HKIOA.
- The examination results will be announced approximately TWO months after Core 2 examination.