



Supporting Organizations:



Professional Certificate on Acoustics, Noise and Vibration Control

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 certificate course with a structured framework comprising basic acoustics, noise control concept and management to local professionals. The outlines of the courses are:

Module 1: Fundamentals in Acoustics and Noise Control (Compulsory 1^) Total 18 Hours

- Session 1: Basic Acoustics Principle (Part 1)
- Session 2: Basic Acoustics Principle (Part 2)
- Session 3: Basic Acoustics Principle (Part 3)
- Session 4: Architectural Acoustics (Part 1)
- Session 5: Architectural Acoustics (Part 2)
- Session 6: Noise Control & Ordinance (Part 1)
- Session 7: Noise Control & Ordinance (Part 2)
- Session 8: Noise Control & Ordinance (Part 3) / Noise Pollution Sources and Impacts
- Session 9*: End of Assessment for Fundamentals in Acoustics and Noise

Module 2: Noise Modelling, Monitoring and Measurement (Compulsory 2^) Total 18 Hours

- Session 10: Calculation of Road Traffic Noise Methodology
- Session 11: Noise Prediction Modeling (Part 1)
- Session 12: Noise Prediction Modeling (Part 2)
- Session 13: Experience and Practical Solution on Road Traffic Noise Assessment
- Session 14: Noise Monitoring & Measurement (Part 1)
- Session 15: Noise Monitoring & Measurement (Part 2)
- Session 16: Hands-on Experience on Road Traffic Noise Measurement and Latest Developments in Instrumentation
- Session 17: On-site Road Traffic Noise Measurement (Site Practices)
- Session 18*: End of Assessment for Noise Modelling, Monitoring and Measurement

*examination to be conducted for each module

^elective modules will be announced in the next stage. candidate that passed these 2 compulsory modules and other elective module(s) with overall not less than 40 hours are 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 certificates (with CPD) will be issued by HKIOA to the participants after completed and passed the examination (assessment) for each module. The Professional Certificates will be recognized as HKIOA continuous professional development (Partial).
Language	English supplemented with Cantonese
Online	Zoom or MS Teams

Platform:	*Location of Session 17: Practical Session On-site Road Traffic Noise Measurement is to be confirmed
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Fees	<p>For Members of HKIOA or Supporting Organizations HK\$3,500 for Module 1 (Sessions 1 – 9) HK\$3,500 for Module 2 (Sessions 10 – 18)</p> <p>For Other Participants HK\$7,000 for Module 1 (Sessions 1 – 9) HK\$7,000 for Module 2 (Sessions 10 – 18)</p>
Enquiry and Registration	Reservations will be confirmed upon receipt of payment and availability of places in first-come-first-served basis. Successful applicants will be informed via e-mail. The organizers reserve the right to change the course topics, time 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.
Course Contact	Dr. Horus CHAN and Dr. Gary YUEN Email: education@hkioa.org
Deadline of Application	16 Aug 2022
Course Coordinators	Dr. Mors LEUNG, Dr. Clief TANG, Mr. Alson Pang and Mr. Ken WONG

Date, Time and Venue

Session	Topic	Date/Time	Speakers
S1	Basic Acoustics Principle (Part 1)	01 Sep 22 / 18:30 – 20:30	Dr. Calvin CHIU
S2	Basic Acoustics Principle (Part 2)	03 Sep 22 / 10:30 – 12:30	
S3	Basic Acoustics Principle (Part 3)	05 Sep 22 / 18:30 – 20:30	
S4	Architectural Acoustics (Part 1)	06 Sep 22 / 18:30 – 20:30	Mr. Henry CHAN
S5	Architectural Acoustics (Part 2)	08 Sep 22 / 18:30 – 20:30	
S6	Noise Control & Ordinance (Part 1)	13 Sep 22 / 18:30 – 20:30	Mr. Joe LEUNG
S7	Noise Control & Ordinance (Part 2)	14 Sep 22 / 18:30 – 20:30	
S8	Noise Control & Ordinance (Part 3) Noise Pollution Sources and Impacts	16 Sep 22 / 18:30 – 20:30	
S9	Assessment for Fundamentals in Acoustics and Noise Control	10 Oct 22 / TBC	-
S10	Calculation of Road Traffic Noise Methodology	19 Sep 22 / 18:30 – 20:30	Mr. Frankie CHIU
S11	Noise Prediction Modeling (Part 1)	21 Sep 22 / 18:30 – 20:30	Mr. Benson LEE
S12	Noise Prediction Modeling (Part 2)	23 Sep 22 / 18:30 – 20:30	
S13	Experience and Practical Solution on Road Traffic Noise Assessment	26 Sep 22 / 18:30 – 20:30	Mr. Frankie CHIU
S14	Noise Monitoring & Measurement (Part 1)	28 Sep 22 / 18:30 – 20:30	Mr. CL WONG
S15	Noise Monitoring & Measurement (Part 2)	30 Sep 22 / 18:30 – 20:30	
S16	Hands-on Experience on Road Traffic Noise Measurement and Latest Developments in Instrumentation	03 Oct 22 / 18:30 – 20:30	Mr. Ivan HO
S17*	On-site Road Traffic Noise Measurement (Site Practices)	05 Oct 22 / 09:30 – 11:30	

Session	Topic	Date/Time	Speakers
S18	Assessment for Noise Modelling, Monitoring and Measurement Certificate	17 Oct 22 / TBC	-

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

Registration



Please register online via:

<https://forms.gle/9WUXBhAUiVVk2zsv8>

Notes:

1. Please settle the fee by bank transfer, cash deposit or cheque deposit with your name and contact at the back, to HSBC Bank in favor of Hong Kong Institute of Acoustics Limited - Account No. 004 400-374401-838.
2. Please email the copy of payment receipt to education@hkioa.org and treasurer@hkioa.org for application on or before Deadline of Application
3. Reservations will be confirmed upon receipt of payment and availability of places. Successful applicants will be informed via e-mail.
4. The enrollment will be made on first-come-first-served basis.
5. The organizers reserve the right to allot the registration to members of HKIOA and supporting organizations in case of over subscription.
6. The organizers reserve the right to change the course topics, venue, date, time and speakers if necessary.
7. Course information/registration form is also available from web sites www.hkioa.org
8. The discounted fee is applicable to **Current Member** of HKIOA and supporting organizations.
9. Payment is non-refundable.
10. Course materials can be downloaded from website/ftp which will be advised through email to the candidates before commencement of course.
11. Course materials provided shall be used solely for this course and shall not be sold, reused, rented, loaned, or otherwise disclosed to third party