



香港聲學學會

Hong Kong Institute of Acoustics

Supporting Organizations:



Certificate Courses on Noise Control, Road Traffic Noise Assessment, Architectural Acoustics Design, Road Traffic Noise & Railway Noise Measurement

Programme Highlights and Course Outline

The Hong Kong Institute of Acoustics (HKIOA) in association with the supporting organization of Hong Kong Institution of Engineers - Mechanical, Marine, Naval Architecture and Chemical (HKIE-MMNC) Division, Hong Kong Institute of Qualified Environmental Professionals (HKIQEP) and ASME Hong Kong Section (ASME-HK) are proud to present these courses which aim at providing the local professionals with a structured frame starting from refreshing the basic acoustics concept, noise control and management, assessment and measurement, to practical sessions with hands-on experience on three dimensional (3D) noise assessment, architectural acoustics design, road traffic noise and Railway Noise measurement. The noise syllabus in HKIQEP has also been taken into account in the courses. The outlines of the courses are:

- Session 1: Basic Acoustics and Instrumentation
- Session 2: Fundamentals of Environmental Noise
- Session 3: Noise Pollution Sources & Impacts (Part 1)
- Session 4: Noise Pollution Sources & Impacts (Part 2)
- Session 5: Noise Prediction Modeling (Part 1)
- Session 6: Noise Prediction Modeling (Part 2)
- Session 7: Environmental Noise Management (Part 1)
- Session 8: Experience and Practical Solution on Road Traffic Noise Assessment
- Session 9: Environmental Noise Management (Part 2)
- Session 10: Architectural Acoustics Design (Part 1)
- Session 11: Architectural Acoustics Design (Part 2)
- Session 12: Noise Monitoring & Measurement (Part 1)
- Session 13: Soundscape (Part 1 - Field Trip)
- Session 14: Noise Monitoring & Measurement (Part 2)
- Session 15: Soundscape (Part 2)
- Session 16: Noise Monitoring & Measurement (Part 3)
- Session 17: Hands-on Experience on Road Traffic Noise Measurement and Latest Developments in Instrumentation (Practical – Field)
- Session 18: Practical Session: On-site Road Traffic Noise Measurement
- Session 19: Construction Noise Control
- Session 20: Introduction to 3D Noise Assessment and Visualization Tool
- Session 21: Practical Application on Developing 3D Noise Modeling
- Session 22: Rail Noise Source Characteristics & Mitigation Measures
- Session 23: Railway Noise, Vibration and Track Properties Measurement

- Session 24: End of Course Assessment for Noise Control and Management (Sessions 1, 2, 3, 4, 7, 9 & 19)
- Session 25: End of Course Assessment for Road Traffic Noise Assessment (Sessions 5, 6 & 8)
- Session 26: End of Course Assessment for Noise Monitoring & Measurement (Sessions 1, 12, 14, 16, 17 & 18)
- Session 27: End of Course Assessment for 3D Noise Modeling (Sessions 5, 6, 20 & 21)
- Session 28: End of Course Assessment for Architectural Acoustics Design (Sessions 1, 2, 10, 11, 13 and 15)
- Session 29: End of Course Assessment for Railway Noise Measurement (Sessions 1, 2, 22 & 23)

Fees, Certificates, Language, Enquiry and Registration

Certificates	<p>Attendance certificates will be issued by HKIOA to the participants after each session for counting in their CPD purpose.</p> <p>A Noise Control and Management Certificate will be endorsed by HKIOA, HKIQEP, HKIE-MMNC Division & ASME-HK and issued to the participants who registered and attended compulsory sessions 1, 2, 3, 4, 7, 9 and 19, and then successfully passing the session 24 end-of-course appraisal and assessment.</p> <p>A Road Traffic Noise Assessment Certificate will be endorsed by HKIOA, HKIQEP, HKIE-MMNC Division & ASME-HK and issued to the participants who registered and attended compulsory sessions 5, 6 and 8, and then successfully passing the session 25 end-of-course appraisal and assessment.</p> <p>A Noise Monitoring & Measurement Certificate will be endorsed by HKIOA, HKIQEP, HKIE-MMNC Division & ASME-HK and issued to the participants who registered and attended compulsory sessions 1, 12, 14, 16, 17 and 18, and then successfully passing the session 26 end-of-course appraisal and assessment.</p> <p>A 3D Noise Modeling Certificate will be endorsed by HKIOA, HKIQEP, HKIE-MMNC Division & ASME-HK and issued to the participants who registered and attended compulsory sessions 5, 6, 20 and 21, and then successfully passing the session 27 end-of-course appraisal and assessment.</p> <p>An Architectural Acoustics Design Certificate will be endorsed by HKIOA, HKIQEP, HKIE-MMNC Division & ASME-HK and issued to the participants who registered and attended compulsory sessions 1, 2, 10, 11, 13 and 15 and successfully passing the session 28 end-of-course appraisal and assessment.</p> <p>A Railway Noise Measurement Certificate will be endorsed by HKIOA, HKIQEP, HKIE-MMNC Division & ASME-HK and issued to the participants who registered and attended compulsory sessions 1, 2, 22 and 23 and successfully passing the session 29 end-of-course appraisal and assessment.</p> <p>The Certificates will be recognized as HKIOA continuous professional development.</p>
Language	English supplemented with Cantonese
Venues	<p>Lectures venues at Billion Plaza, 8 Cheung Yue Street, Cheung Sha Wan, Kowloon, HK. (IVE Campus)</p> <p>The location of Session 13: Soundscape (Part 1) at Chinese University of Hong Kong</p> <p>Lecture venue for Session 15: Soundscape (Part 2) at Chinese University of Hong Kong</p> <p>The location of Session 18: Practical Session On-site Road Traffic Noise Measurement is to be confirmed</p> <p>Session 21: Practical Application on 3D Noise Modeling, participant need to bring their own laptop computer [with Windows Operating System] for practicing</p>

Fees	<p>For Members of HKIOA, HKIE, HKIQEP & ASME-HK HK\$500 per sessions 1 - 23 HK\$250 per sessions 24 - 29</p> <p>For Other Participants HK\$1000 per sessions 1 - 23 HK\$500 per sessions 24 – 29</p>
Enquiry and Registration	<p>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 and mc.hkie.org.hk. Enrollment will be made on first-come-first-served basis. Enquiries can be given to Course Administrator.</p>
Course Administrator	<p>Ms. Rachel CHOW / Mr. Duncan TANG Tel.: 37579195 Email: EDiT@vtc.edu.hk Address: Engineering Discipline In-service Training Office, Room B322, Hong Kong Institute of Vocational Education (Tsing Yi), No. 20 Tsing Yi Road, Tsing Yi, NT</p>
Deadline of Application	30/06/2017
Course Coordinators	Mr. Ken WONG (HKIOA) and Dr. LAW Chi Wing (HKIOA)

Date, Time and Venue

Session	Topic	Date/Time/Venue	Speaker
S1	Basic Acoustics and Instrumentation	4/7/2017 7:00pm – 9:00pm Billion Plaza (BP806A)	Mr. Aaron S.W. LUI
S2	Fundamentals of Environmental Noise	5/7/2017 7:00pm – 9:00pm Billion Plaza (BP804)	Mr. Aaron S.W. LUI
S3	Noise Pollution Sources and Impacts (Part 1)	7/7/2017 7:00pm – 9:00pm Billion Plaza (BP806A)	Mr. Richard KWAN
S4	Noise Pollution Sources and Impacts (Part 2)	10/7/2017 7:00pm – 9:00pm Billion Plaza (BP804)	Mr. Richard KWAN
S5	Noise Prediction Modeling (Part 1)	12/7/2017 7:00pm – 9:00pm Billion Plaza (BP904)	Dr. F. C. TSANG
S6	Noise Prediction Modeling (Part 2)	14/7/2017 7:00pm – 9:00pm Billion Plaza (BP904)	Dr. F. C. TSANG
S7	Environmental Noise Management (Part 1)	17/7/2017 7:00pm – 9:00pm Billion Plaza (BP804)	Ir. CK LEE
S8	Experience and Practical Solution on Road Traffic Noise Assessment	19/7/2017 7:00pm – 9:00pm Billion Plaza (BP904)	Mr. Joe LEUNG
S9	Environmental Noise Management (Part 2)	21/7/2017 7:00pm – 9:00pm Billion Plaza (BP806A)	Ir. CK LEE
S10	Architectural Acoustics Design (Part 1)	31/7/2017 7:00pm – 9:00pm Billion Plaza (BP904)	Mr. Henry CHAN
S11	Architectural Acoustics Design (Part 2)	4/8/2017 7:00pm – 9:00pm Billion Plaza (BP904)	Mr. Henry CHAN
S12	Noise Monitoring & Measurement (Part 1)	28/7/2017 7:00pm – 9:00pm Billion Plaza (BP904)	Ir. CL WONG
S13	Soundscape (Part 1 - Field Trip)	22/7/2017 09:30am – 12:00pm Location to be confirmed	Prof. K.C. LAM
S14	Noise Monitoring & Measurement (Part 2)	2/8/2017 7:00pm – 9:00pm Billion Plaza (BP804)	Ir. CL WONG
S15	Soundscape (Part 2)	24/7/2017 7:00pm – 09:00pm Venue to be confirmed	Prof K.C. LAM

Session	Topic	Date/Time/Venue	Speaker
S16	Noise Monitoring & Measurement (Part 3)	7/8/2017 7:00pm – 9:00pm Billion Plaza (BP804)	Ir. CL WONG
S17	Hands-on Experience on Road Traffic Noise Measurement and Latest Developments in Instrumentation	11/8/2017 7:00pm – 9:00pm Billion Plaza (BP904)	Mr. Tom HO
S18	Practical Session: On-site Road Traffic Noise Measurement	12/8/2017 9:30am – 12:00pm Location to be confirmed	Mr. Tom HO
S19	Construction Noise Control	12/9/2017 7:00pm – 9:00pm Billion Plaza (BP804)	Mr. Benson LEE
S20	Introduction to 3D Noise Assessment & Visualization Tool	14/9/2017 7:00pm – 9:00pm Billion Plaza (BP804)	Mr. James CHOI
S21	Practical Application on 3D Noise Modeling	19/9/2017 7:00pm – 9:00pm Billion Plaza (BP804)	Mr. James CHOI
S22	Rail Noise Source Characteristics & Mitigation Measures	21/9/2017 7:00pm – 9:00pm Billion Plaza (BP804)	Mr. Wilson HO
S23	Railway Noise, Vibration and Track Properties Measurement	26/9/2017 7:00pm – 9:00pm Billion Plaza (BP804)	Mr. Wilson HO
S24	End of Course Assessment for Noise Control and Management	10/10/2017 7:00pm – 8:30pm Billion Plaza (BP804)	Administrator
S25	End of Course Assessment for Road Traffic Noise Assessment	12/10/2017 7:00pm – 8:30pm Billion Plaza (BP804)	Administrator
S26	End of Course Assessment for Noise Monitoring and Measurement	17/10/2017 7:00pm – 8:30pm Billion Plaza (BP804)	Administrator
S27	End of Course Assessment for 3D Noise Modeling	19/10/2017 7:00pm – 8:30pm Billion Plaza (BP804)	Administrator
S28	End of Course Assessment for Architectural Acoustics Design	24/10/2017 7:00pm – 8:30pm Billion Plaza (BP804)	Administrator
S29	End of Course Assessment for Railway Noise Measurement	26/10/2017 7:00pm – 8:30pm Billion Plaza (BP804)	Administrator

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

Calendar with sessions for easy reference

Jul- Oct 2017

Mon	Tue	Wed	Thu	Fri	Sat	Sun
					Jul-1	2
3	4 S1	5 S2	6	7 S3	8	9
10 S4	11	12 S5	13	14 S6	15	16
17 S7	18	19 S8	20	21 S9	22 S13	23
24 S15	25	26	27	28 S12	29	30
31 S10	Aug-1	2 S14	3	4 S11	5	6
7 S16	8	9	10	11 S17	12 S18	13
14	15	16	17	18	19 IQEP Exam	20
21	22	23	24	25	26	27 InterNoise
28 InterNoise	29 InterNoise	30 InterNoise	31	Sep-1	2	3
4	5	6	7	8	9	10
11	12 S19	13	14 S20	15	16	17
18	19 S21	20	21 S22	22	23	24
25	26 S23	27	28	29	30	Oct-1
2	3	4	5	6	7	8
9	10 S24	11	12 S25	13	14	15
16	17 S26	18	19 S27	20	21	22
23	24 S28	25	26 S29	27	28	29

Certificate Courses on Noise Control, Road Traffic Noise Assessment, Architectural Acoustics Design, Road Traffic Noise & Railway Noise Measurement

Enrollment Form

Title : Ir. Dr. Mr. Ms. Others: _____

Full Name : (English) _____ (Chinese) _____

Company : _____

Position : _____ Email: _____

Tel : (Office) _____ (Mobile) _____ Fax: _____

Address : _____

I am a member of :

HKIOA HKIE HKIQEP ASME-HK Non-member

Membership no. : _____ (Please tick one of the above institute only)

Total session(s) _____ Total Cheque amount HK\$: _____

Notes:

1. Please fax or email the completed enrollment form to the **Course Administrator as below** for reservation:
Ms. Rachel CHOW / Mr. Duncan TANG
Tel.: 37579195 Fax: 24322253 Email: EDiT@vtc.edu.hk
Address: Engineering Discipline In-service Training Office, Room B322, Hong Kong Institute of Vocational Education (Tsing Yi), No. 20 Tsing Yi Road, Tsing Yi, NT
2. Reservations will be confirmed upon receipt of payment and availability of places. Successful applicants will be informed via e-mail.
3. The enrollment will be made on first-come-first-served basis.
4. Cheque must be made payable to 'Hong Kong Institute of Acoustics' and be sent, together with the registration form, to **Course Administrator**.
5. The organizers reserve the right to allot the registration to members of the organizing 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 available from web sites www.hkioa.org and mc.hkie.org.hk.
8. The discounted fee is valid only for **Current Member**.
9. Payment is non-refundable.
10. Course materials can be downloaded from website which the link will be advised through email.

I would like to enroll to the following session(s) by putting tick(s) in the last column.

* Please delete as appropriate.

Session	Topic	Fee	Enroll
S1	Basic Acoustics and Instrumentation	\$500/\$1000*	
S2	Fundamentals of Environmental Noise	\$500/\$1000*	
S3	Noise Pollution Sources and Impacts (Part 1)	\$500/\$1000*	
S4	Noise Pollution Sources and Impacts (Part 2)	\$500/\$1000*	
S5	Noise Prediction Modeling (Part 1)	\$500/\$1000*	
S6	Noise Prediction Modeling (Part 2)	\$500/\$1000*	
S7	Environmental Noise Management (Part 1)	\$500/\$1000*	
S8	Experience and Practical Solution on Road Traffic Noise Assessment	\$500/\$1000*	
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S23	Railway Noise, Vibration and Track Properties Measurement	\$500/\$1000*	
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