

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 organizations of Hong Kong Institution of Engineers - Mechanical, Marine, Naval Architecture and Chemical (HKIE-MMNC) Division, ASME Hong Kong Section (ASME-HK) and BEAM Society Limited (BSL) 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 design, assessment and measurement. The courses also include practical sessions with hands-on experience on three dimensional (3D) noise assessment, architectural acoustics design, road traffic noise and Railway Noise measurement. The outlines of the courses are:

- Session 1: Basic Acoustics and Instrumentation
- Session 2: Noise Assessment, Management and Mitigation in Hong Kong

- Session 3: Noise Control Ordinance
- Session 4: Industrial Noise Control
- Session 5: Construction Noise Control
- Session 6: Case Studies of Noise Control

- Session 7: Basic Road Traffic Noise Modeling Concept and Calculation of Road Traffic Noise Methodology Part 1
- Session 8: Calculation of Road Traffic Noise Methodology Part 2
- Session 9: Case Studies on Road Traffic Noise Assessment
- Session 10: Practical Hands-on Experiences on 3D Noise Assessment and Visualization Tool

- Session 11: Architectural Acoustics Design – Theoretical Assessment & Reference Standard
- Session 12: Practical Session: Design in Building related to Architectural Acoustics

- Session 13: Rail Noise Source Characteristics & Mitigation Measures
- Session 14: Advance Railway Noise Measurement
- Session 15: Hands-on Experience on Road Traffic Noise Measurement and Latest Developments in Instrumentation
- Session 16: Practical Session: On-site Road Traffic Noise Measurement

- Session 17: End of Course Assessment for Noise Control
- Session 18: End of Course Assessment for Road Traffic Noise Assessment
- Session 19: End of Course Assessment for Architectural Acoustics Design
- Session 20: End of Course Assessment for Road Traffic Noise & Railway Noise Measurement

Fees, Certificates, Language, Enquiry and Registration

Certificates	<p>Attendance certificates will be issued by HKIOA, HKIE-MMNC Division, ASME-HK & BSL to the participants after each session for counting in their CPD purpose.</p> <p>A Noise Control Certificate will be endorsed by HKIOA, HKIE-MMNC Division, ASME-HK & BSL and issued to the participants who registered and attended compulsory sessions 3, 4, 5 and 6, and then successfully passing the session 17 end-of-course appraisal and assessment.</p> <p>A Road Traffic Noise Assessment Certificate will be endorsed by HKIOA, HKIE-MMNC Division, ASME-HK & BSL and issued to the participants who registered and attended compulsory sessions 7, 8, 9 and 10, and then successfully passing the session 18 end-of-course appraisal and assessment.</p> <p>An Architectural Acoustics Design Certificate will be endorsed by HKIOA, HKIE-MMNC Division, ASME-HK & BSL and issued to the participants who registered and attended compulsory sessions 1, 2, 11 and 12 and successfully passing the session 19 end-of-course appraisal and assessment.</p> <p>A Road Traffic Noise & Railway Noise Measurement Certificate will be endorsed by HKIOA, HKIE-MMNC Division, ASME-HK & BSL and issued to the participants who registered and attended compulsory sessions 13, 14, 15 and 16 and successfully passing the session 20 end-of-course appraisal and assessment.</p> <p>The Certificates will be recognized as HKIOA, HKIE, ASME-HK & BSL continuous professional development.</p>
Language	English
Venues	<p>Lectures venues are at Billion Plaza, 8 Cheung Yue Street, Cheung Sha Wan, Kowloon, HK. (IVE Campus) &</p> <p>Practical hands-on on 3D noise assessment and visualization is at Room 222, Wong Foo Yuan Building, CUHK</p> <p>The location of practical session of road traffic noise measurement is to be confirmed.</p>
Fees	<p>For Members of HKIOA, HKIE & ASME-HK, BSL HK\$500 per sessions 1 - 16 HK\$250 per sessions 17 - 20</p> <p>For Other Participants HK\$1000 per sessions 1 - 16 HK\$500 per sessions 17 – 20</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. Becky Law/ Mr. Kenneth Pak 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	10/02/2014
Course Coordinator	Ir Dr. TANG Chi Kong, Clief (HKIOA)

Date, Time and Venue

Session	Topic	Date/Time/Venue	Speaker
S1	Basic Acoustics and Instrumentation	17/2/2014 7:00pm – 9:00pm Billion Plaza, 8 Cheung Yue Street, Cheung Sha Wan, Kowloon, HK	Ir Dr. Clief TANG
S2	Noise Assessment, Management and Mitigation in Hong Kong	19/2/2014 7:00pm – 9:00pm Billion Plaza, 8 Cheung Yue Street, Cheung Sha Wan, Kowloon, HK	Ir CK LEE
S3	Noise Control Ordinance	21/2/2014 7:00pm – 9:00pm Billion Plaza, 8 Cheung Yue Street, Cheung Sha Wan, Kowloon, HK	Mr. Joe LEUNG
S4	Industrial Noise Control	24/2/2014 7:00pm – 9:00pm Billion Plaza, 8 Cheung Yue Street, Cheung Sha Wan, Kowloon, HK	Mr. Jimmy WONG
S5	Construction Noise Control	26/2/2014 7:00pm – 9:00pm Billion Plaza, 8 Cheung Yue Street, Cheung Sha Wan, Kowloon, HK	Mr. Joe LEUNG
S6	Case Studies of Noise Control	3/3/2014 7:00pm – 9:00pm Billion Plaza, 8 Cheung Yue Street, Cheung Sha Wan, Kowloon, HK	Mr. Jimmy WONG
S7	Basic Road Traffic Noise Modeling Concept and Calculation of Road Traffic Noise Methodology Part 1	7/3/2014 7:00pm – 9:00pm Billion Plaza, 8 Cheung Yue Street, Cheung Sha Wan, Kowloon, HK	Dr. C.W. Law
S8	Calculation of Road Traffic Noise Methodology Part 2	10/3/2014 7:00pm – 9:00pm Billion Plaza, 8 Cheung Yue Street, Cheung Sha Wan, Kowloon, HK	Dr. C.W. Law
S9	Case Studies on Road Traffic Noise Assessment	14/3/2014 7:00pm – 9:00pm Billion Plaza, 8 Cheung Yue Street, Cheung Sha Wan, Kowloon, HK	Mr. Isaac Ng

Session	Topic	Date/Time/Venue	Speaker
S10	Practical Hands-on Experiences on 3D noise assessment and visualization tool	15/3/2014 9:00pm – 12:00pm Room 222, Wong Foo Yuan Building, CUHK	Mr. James CHOI
S11	Architectural Acoustics Design – Theoretical Assessment & Reference Standard	17/3/2014 7:00pm – 9:00pm Billion Plaza, 8 Cheung Yue Street, Cheung Sha Wan, Kowloon, HK	Ms. Grace KWOK
S12	Practical Session: Design in Building related to Architectural Acoustics	21/3/2014 7:00pm – 9:00pm Billion Plaza, 8 Cheung Yue Street, Cheung Sha Wan, Kowloon, HK	Ms. Grace KWOK
S13	Rail Noise Source Characteristics & Mitigation Measures	24/3/2014 7:00pm – 9:00pm Billion Plaza, 8 Cheung Yue Street, Cheung Sha Wan, Kowloon, HK	Mr. Wilson HO
S14	Advance Railway Noise Measurement	26/3/2014 7:00pm – 9:00pm Billion Plaza, 8 Cheung Yue Street, Cheung Sha Wan, Kowloon, HK	Mr. Wilson HO
S15	Hands-on experience on road traffic noise measurement and latest developments in instrumentation	28/3/2014 7:00pm – 9:00pm Billion Plaza, 8 Cheung Yue Street, Cheung Sha Wan, Kowloon, HK	Mr. Tom HO
S16	Practical session: On-site road traffic noise measurement	29/3/2013 10:00am – 12:00pm To be determined	Mr. Tom HO
S17	End of course assessment for noise control	2/4/2014 7:00pm – 8:00pm Billion Plaza, 8 Cheung Yue Street, Cheung Sha Wan, Kowloon, HK	Administrator
S18	End of course assessment for road traffic noise assessment	4/4/2014 7:00pm – 8:00pm Billion Plaza, 8 Cheung Yue Street, Cheung Sha Wan, Kowloon, HK	Administrator
S19	End of course assessment for architectural acoustics design	7/4/2014 7:00pm – 8:00pm Billion Plaza, 8 Cheung Yue Street, Cheung Sha Wan, Kowloon, HK	Administrator

Session	Topic	Date/Time/Venue	Speaker
S20	End of course assessment for road traffic noise measurement	9/4/2014 7:00pm – 8:00pm Billion Plaza, 8 Cheung Yue Street, Cheung Sha Wan, Kowloon, HK	Administrator

The organizers reserve the right to change the course topics, time, venues and speakers.

Calendar with sessions are as below for easy reference.

Feb- Apr 2014

Mon	Tue	Wed	Thu	Fri	Sat	Sun
					Feb-01	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17 S1	18	19 S2	20	21 S3	22	23
24 S4	25	26 S5	27	28	Mar-01	2
3 S6	4	5	6	7 S7	8	9
10 S8	11	12	13	14 S9	15 S10	16
17 S11	18	19	20	21 S12	22	23
24 S13	25	26 S14	27	28 S15	29 S16	30
31	Apr-01	2 S17	3	4 S18	5	6
7 S19	8	9 S20	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27

**Certificate Courses on
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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 ASME-HK BSL Non-member

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

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

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	Noise Assessment, Management and Mitigation in Hong Kong	\$500/\$1000*	
S3	Noise Control Ordinance	\$500/\$1000*	
S4	Industrial Noise Control	\$500/\$1000*	
S5	Construction Noise Control	\$500/\$1000*	
S6	Case Studies of Noise Control	\$500/\$1000*	
S7	Basic Road Traffic Noise Modeling Concept and Calculation of Road Traffic Noise Methodology Part 1	\$500/\$1000*	
S8	Calculation of Road Traffic Noise Methodology Part 2	\$500/\$1000*	
S9	Case Studies on Road Traffic Noise Assessment	\$500/\$1000*	
S10	Practical Hands-on Experiences on 3D noise assessment and visualization tool	\$500/\$1000*	
S11	Architectural Acoustics Design – Theoretical Assessment & Reference Standard	\$500/\$1000*	
S12	Practical Session: Design in Building related to Architectural Acoustics	\$500/\$1000*	
S13	Rail Noise Source Characteristics & Mitigation Measures	\$500/\$1000*	
S14	Advance Railway Noise Measurement	\$500/\$1000*	
S15	Hands-on experience on road traffic noise measurement and latest developments in instrumentation	\$500/\$1000*	
S16	Practical session: On-site road traffic noise measurement	\$500/\$1000*	
S17	End of course assessment for noise control	\$250/\$500*	
S18	End of course assessment for road traffic noise assessment	\$250/\$500*	
S19	End of course assessment for architectural acoustics design	\$250/\$500*	
S20	End of course assessment for road traffic noise measurement	\$250/\$500*	

Notes:

- Please fax or email the completed enrollment form to the **Course Administrator as below** for reservation:
Ms Becky Law/ Mr. Kenneth Pak
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
- Reservations will be confirmed upon receipt of payment and availability of places. Successful applicants will be informed via e-mail.
- The enrollment will be made on first-come-first-served basis.
- Cheque must be made payable to 'Hong Kong Institute of Acoustics' and be sent, together with the registration form, to **Course Administrator**.
- The organizers reserve the right to allot the registration to members of the organizing organizations in case of over subscription.
- The organizers reserve the right to change the course topics, time, venues and speakers.
- Course information/registration form is available from web sites www.hkioa.org and mc.hkie.org.hk.
- The discounted fee is valid only for **Current Member**.
- Payment is non-refundable.