

Certificate Courses on Architectural Noise Design, Noise Control, Road Traffic Noise Assessment and Road Traffic Noise Measurement

Programme Highlights and Course Outline

The Hong Kong Institute of Acoustics (HKIOA) in association with Hong Kong Institution of Engineers - Mechanical, Marine, Naval Architecture and Chemical (HKIE-MMNC) Division 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 design, assessment and measurement. The courses also include practical sessions with architectural acoustics design, hands-on experience on three dimensional (3D) noise assessment and road traffic noise site 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: Architectural Acoustics Design – Theoretical Assessment & Reference Standard
- Session 4: Practical Session: Design in Building related to Architectural Acoustics

- Session 5: Noise Control Ordinance
- Session 6: Industrial Noise Control
- Session 7: Construction Noise Control
- Session 8: Case Studies of Noise Control

- Session 9: Basic Road Traffic Noise Modeling Concept and Calculation of Road Traffic Noise Methodology Part 1
- Session 10: Calculation of Road Traffic Noise Methodology Part 2
- Session 11: Case Studies on Road Traffic Noise Assessment
- Session 12: Practical Hands-on Experiences on 3D Noise Assessment and Visualization Tool

- Session 13: Theoretical Basis of Building Designs for Noise Mitigation
- Session 14: Case Studies on Innovative Building Design for Noise Mitigation
- 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 Architectural Acoustics Design
- Session 18: End of Course Assessment for Noise Control
- Session 19: End of Course Assessment for Road Traffic Noise Assessment
- Session 20: End of Course Assessment for Road Traffic Noise Measurement

Fees, Certificates, Language, Enquiry and Registration

Certificates	<p>Attendance certificates will be issued by HKIOA, HKIE-MMNC Division & ASME-HK to the participants after each session for counting in their CPD purpose.</p> <p>An Architectural Acoustics Design Certificate will be endorsed by HKIOA, HKIE-MMNC Division & ASME-HK and issued to the participants who registered and attended compulsory sessions 1, 3 and 4 and successfully passing the session 17 end-of-course appraisal and assessment.</p> <p>A Noise Control Certificate will be endorsed by HKIOA, HKIE-MMNC Division & ASME-HK and issued to the participants who registered and attended compulsory sessions 5, 6, 7 and 8, and then successfully passing the session 18 end-of-course appraisal and assessment.</p> <p>A Road Traffic Noise Assessment Certificate will be endorsed by HKIOA, HKIE-MMNC Division & ASME-HK and issued to the participants who registered and attended compulsory sessions 9, 10, 11 and 12, and then successfully passing the session 19 end-of-course appraisal and assessment.</p> <p>A Road Traffic Noise Measurement Certificate will be endorsed by HKIOA, HKIE-MMNC Division & ASME-HK and issued to the participants who registered and attended compulsory sessions 1, 2, 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 continuous professional development.</p>
Language	English
Venues	<p>Lectures are at Billion Plaza, 8 Cheung Yue Street, Cheung Sha Wan, Kowloon, HK.</p> <p>Practical hands-on on 3D noise assessment and visualization is at Room 1606, Kodak House II, 39 Healthy Street East, North Point, HK. (Participant is needed to bring their own notebook for practicing)</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 HK\$400 per sessions 1 - 16 HK\$200 per sessions 17 - 20</p> <p>For Other Participants HK\$800 per sessions 1 - 16 HK\$400 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>Miss Yetta Leung Tel.: 24359423 or 37579202 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	08/01/2013
Course Coordinator	Dr. TANG Chi Kong, Clief (HKIOA)

Date, Time and Venue

Session	Topic	Date/Time/Venue	Speaker
S1	Basic Acoustics and Instrumentation	21/1/2013 7:00pm – 9:00pm BP803, Billion Plaza, 8 Cheung Yue Street, Cheung Sha Wan, Kln, HK.	Ir Dr. Clief TANG
S2	Noise Assessment, Management and Mitigation in Hong Kong	23/1/2013 7:00pm – 9:00pm BP803, Billion Plaza, 8 Cheung Yue Street, Cheung Sha Wan, Kln, HK.	Ir CK LEE
S3	Architectural Acoustics Design – Theoretical Assessment & Reference Standard	25/1/2013 7:00pm – 9:00pm BP804, Billion Plaza, 8 Cheung Yue Street, Cheung Sha Wan, Kln, HK.	Ms. Grace KWOK
S4	Practical Session: Design in Building related to Architectural Acoustics	28/1/2013 7:00pm – 9:00pm BP803, Billion Plaza, 8 Cheung Yue Street, Cheung Sha Wan, Kln, HK.	Ms. Grace KWOK
S5	Noise Control Ordinance	30/1/2013 7:00pm – 9:00pm BP803, Billion Plaza, 8 Cheung Yue Street, Cheung Sha Wan, Kln, HK.	Mr. Joe LEUNG
S6	Industrial Noise Control	04/2/2013 7:00pm – 9:00pm BP803, Billion Plaza, 8 Cheung Yue Street, Cheung Sha Wan, Kln, HK.	Mr. Jimmy WONG
S7	Construction Noise Control	06/2/2013 7:00pm – 9:00pm BP803, Billion Plaza, 8 Cheung Yue Street, Cheung Sha Wan, Kln, HK.	Mr. Joe LEUNG
S8	Case Studies of Noise Control	20/2/2013 7:00pm – 9:00pm BP803, Billion Plaza, 8 Cheung Yue Street, Cheung Sha Wan, Kln, HK.	Mr. Jimmy WONG
S9	Basic Road Traffic Noise Modeling Concept and Calculation of Road Traffic Noise Methodology Part 1	22/2/2013 7:00pm – 9:00pm BP804, Billion Plaza, 8 Cheung Yue Street, Cheung Sha Wan, Kln, HK.	Dr. C.W. Law

Session	Topic	Date/Time/Venue	Speaker
S10	Calculation of Road Traffic Noise Methodology Part 2	25/2/2013 7:00pm – 9:00pm BP803, Billion Plaza, 8 Cheung Yue Street, Cheung Sha Wan, Kln, HK.	Dr. C.W. Law
S11	Case Studies on Road Traffic Noise Assessment	27/2/2013 7:00pm – 9:00pm BP803, Billion Plaza, 8 Cheung Yue Street, Cheung Sha Wan, Kln, HK.	Mr. Andy CHUNG/ Mr. James CHOI
S12	Practical Hands-on Experiences on 3D noise assessment and visualization tool *candidate needs to bring their own notebook for practicing	04/3/2013 7:00pm – 9:00pm Room 1606, Kodak House II, 39 Healthy Street East, North Point, HK.	Mr. Issac Ng
S13	Theoretical Basis of Building Designs for Noise Mitigation	06/3/2013 7:00am – 9:00pm BP803, Billion Plaza, 8 Cheung Yue Street, Cheung Sha Wan, Kln, HK.	Prof. S.K. Tang
S14	Case Studies on Innovative Building Design for Noise Mitigation	08/3/2013 7:00pm – 9:00pm BP803, Billion Plaza, 8 Cheung Yue Street, Cheung Sha Wan, Kln, HK.	Mr. Benson Lee
S15	Hands-on experience on road traffic noise measurement and latest developments in instrumentation	11/3/2013 7:00pm – 9:00pm BP803, Billion Plaza, 8 Cheung Yue Street, Cheung Sha Wan, Kln, HK.	Mr. Tom HO
S16	Practical session: On-site road traffic noise measurement	16/3/2013 10:00am – 12:00pm To be confirmed	Mr. Tom HO
S17	End of course assessment for Architectural Acoustics Design	18/3/2013 7:00pm – 9:00pm BP803, Billion Plaza, 8 Cheung Yue Street, Cheung Sha Wan, Kln, HK.	Administrator
S18	End of course assessment for noise control	20/3/2013 7:00pm – 9:00pm BP803, Billion Plaza, 8 Cheung Yue Street, Cheung Sha Wan, Kln, HK.	Administrator
S19	End of course assessment for road traffic noise assessment	25/3/2013 7:00pm – 9:00pm BP803, Billion Plaza, 8 Cheung Yue Street, Cheung Sha Wan, Kln, HK.	Administrator

Session	Topic	Date/Time/Venue	Speaker
S20	End of course assessment for road traffic noise measurement	27/3/2013 7:00pm – 9:00pm BP803, Billion Plaza, 8 Cheung Yue Street, Cheung Sha Wan, Kln, HK.	Administrator

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

Calendar with sessions are as below for easy reference.

January- March 2013

Mon	Tue	Wed	Thu	Fri	Sat	Sun
	Jan 1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21 S1	22	23 S2	24	25 S3	26	27
28 S4	29	30 S5	31	Feb 1	2	3
4 S6	5	6 S7	7	8	9	10
11	12	13	14	15	16	17
18	19	20 S8	21	22 S9	23	24
25 S10	26	27 S11	28	Mar 1	2	3
4 S12	5	6 S13	7	8 S14	9	10
11 S15	12	13	14	15	16 S16	17
18 S17	19	20 S18	21	22	23	24
25 S19	26	27 S20	28	29	30	31

Certificate Courses on Noise Control, Road Traffic Noise Assessment, Road Traffic Noise Measurement and Product Noise Assessment

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 Non-member

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

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

* Please delete as appropriate.

Session	Topic	Date/Time/Venue	Fee	Enroll
S1	Basic Acoustics and Instrumentation	21/1/2013 7:00pm – 9:00pm BP803, Billion Plaza, 8 Cheung Yue Street, Cheung Sha Wan, Kowloon, HK.	\$400/\$800*	
S2	Noise Assessment, Management and Mitigation in Hong Kong	23/1/2013 7:00pm – 9:00pm BP803, Billion Plaza, 8 Cheung Yue Street, Cheung Sha Wan, Kowloon, HK.	\$400/\$800*	
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S4	Practical Session: Design in Building related to Architectural Acoustics	28/1/2013 7:00pm – 9:00pm BP803, Billion Plaza, 8 Cheung Yue Street, Cheung Sha Wan, Kowloon, HK.	\$400/\$800*	

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S5	Noise Control Ordinance	30/1/2013 7:00pm – 9:00pm BP803, Billion Plaza, 8 Cheung Yue Street, Cheung Sha Wan, Kowloon, HK.	\$400/\$800*	
S6	Industrial Noise Control	04/2/2013 7:00pm – 9:00pm BP803, Billion Plaza, 8 Cheung Yue Street, Cheung Sha Wan, Kowloon, HK.	\$400/\$800*	
S7	Construction Noise Control	06/2/2013 7:00pm – 9:00pm BP803, Billion Plaza, 8 Cheung Yue Street, Cheung Sha Wan, Kowloon, HK.	\$400/\$800*	
S8	Case Studies of Noise Control	20/2/2013 7:00pm – 9:00pm BP803, Billion Plaza, 8 Cheung Yue Street, Cheung Sha Wan, Kowloon, HK.	\$400/\$800*	
S9	Basic Road Traffic Noise Modeling Concept and Calculation of Road Traffic Noise Methodology Part 1	22/2/2013 7:00pm – 9:00pm BP804, Billion Plaza, 8 Cheung Yue Street, Cheung Sha Wan, Kowloon, HK.	\$400/\$800*	
S10	Calculation of Road Traffic Noise Methodology Part 2	25/2/2013 7:00pm – 9:00pm BP803, Billion Plaza, 8 Cheung Yue Street, Cheung Sha Wan, Kowloon, HK.	\$400/\$800*	
S11	Case Studies on Road Traffic Noise Assessment	27/2/2013 7:00pm – 9:00pm BP803, Billion Plaza, 8 Cheung Yue Street, Cheung Sha Wan, Kowloon, HK.	\$400/\$800*	
S12	Practical Hands-on Experiences on 3D noise assessment and visualization tool	04/3/2013 7:00pm – 9:00pm Room 1606, Kodak House II, 39 Healthy Street East, North Point, HK.	\$400/\$800*	
S13	Theoretical Basis of Building Designs for Noise Mitigation	06/3/2013 7:00am – 9:00pm BP803, Billion Plaza, 8 Cheung Yue Street, Cheung Sha Wan, Kowloon, HK.	\$400/\$800*	
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Session	Topic	Date/Time/Venue	Fee	Enroll
S15	Hands-on experience on road traffic noise measurement and latest developments in instrumentation	11/3/2013 7:00pm – 9:00pm BP803, Billion Plaza, 8 Cheung Yue Street, Cheung Sha Wan, Kowloon, HK.	\$400/\$800*	
S16	Practical session: On-site road traffic noise measurement	16/3/2013 10:00am – 12:00pm To be confirmed	\$400/\$800*	
S17	End of course assessment for Architectural Acoustics Design	18/3/2013 7:00pm – 9:00pm BP803, Billion Plaza, 8 Cheung Yue Street, Cheung Sha Wan, Kowloon, HK.	\$200/\$400*	
S18	End of course assessment for noise control	20/3/2013 7:00pm – 9:00pm BP803, Billion Plaza, 8 Cheung Yue Street, Cheung Sha Wan, Kowloon, HK.	\$200/\$400*	
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Total session(s) _____ Total Cheque amount HK\$: _____

Notes:

- Please fax or email the completed enrollment form to the **Course Administrator as below** for reservation:
Miss Yetta Leung
Tel.: 24359423 or 37579202 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: Miss Yetta Leung**, as above.
- 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 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.
- The payment is non-refundable.