



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

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 assessment, product noise assessment and measurement. The courses also include practical sessions with hands-on experience on three dimensional (3D) noise assessment, road traffic noise site measurement and product noise assessment. 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: 3D Visualization Techniques for Modeling
- Session 10: Case Studies on Road Traffic Noise Assessment
- Session 11: Practical Hands-on Experiences on 3D Noise Assessment and Visualization Tool

- Session 12: Hands-on Experience on Road Traffic Noise Measurement and Latest Developments in Instrumentation
- Session 13: Practical Session: On-site Road Traffic Noise Measurement

- Session 14: Product Noise Assessment One – Theoretical Assessment
- Session 15: Product Noise Assessment Two – Practical Session

- Session 16: End of Course Assessment for Noise Control
- Session 17: End of Course Assessment for Road Traffic Noise Assessment
- Session 18: End of Course Assessment for Road Traffic Noise Measurement
- Session 19: End of Course Assessment for Product Noise Assessment

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>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 3, 4, 5 and 6, and then successfully passing the session 16 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 7, 8, 9, 10 and 11, and then successfully passing the session 17 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, 12 and 13 and successfully passing the session 18 end-of-course appraisal and assessment.</p> <p>A Product Noise Assessment Certificate will be endorsed by HKIOA, HKIE-MMNC Division & ASME-HK and issued to the participants who registered and attended compulsory sessions 1, 14 and 15 and successfully passing the session 19 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 Room 1025, Hong Kong Productivity Council (HKPC) Building, Tat Chee Avenue, Kowloon Tong.</p> <p>Practical hands-on on 3D noise assessment and visualization is at Wong Foo Yuan Building, The Chinese University of Hong Kong (CUHK), Shatin.</p> <p>Practical session of product noise assessment is at Acoustics Laboratory, Room DE001, Mechanical Engineering Department, The Polytechnic University of Hong Kong (PolyU), Hung Hom, Kowloon.</p> <p>The location of practical session of road traffic noise measurement is to be confirmed.</p>
Fees	<p>For Members of HKIOA, HKIE and ASME-HK HK\$400 per sessions 1 - 15 HK\$200 per sessions 16 - 19</p> <p>For Other Participants HK\$800 per sessions 1 - 15 HK\$400 per sessions 16 - 19</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 Koei LAM Tel.: 2369 2090 Fax.: 2369 2060 Email: koeilam@momentousasia.com Address: Room 5, 12/F Block A, New Trade Plaza, No. 6 On Ping Street, Shatin, N.T.</p>

Deadline of Application	28/12/2011
Course Coordinator	Dr. Chi Wing LAW (HKIOA)

Date, Time and Venue

Session	Topic	Date/Time/Venue	Speaker
S1	Basic Acoustics and Instrumentation	4/1/2012 7:00pm – 9:00pm Room 1025, HKPC Building	Ir Dr. Clief C. K. TANG
S2	Noise Assessment, Management and Mitigation in Hong Kong	6/1/2012 7:00pm – 9:00pm Room 1025, HKPC Building	Ir CK LEE
S3	Noise Control Ordinance	9/1/2012 7:00pm – 9:00pm Room 1025, HKPC Building	Mr. Joe LEUNG
S4	Industrial Noise Control	10/1/2012 7:00pm – 9:00pm Room 1025, HKPC Building	Mr. Jimmy WONG
S5	Construction Noise Control	11/1/2012 7:00pm – 9:00pm Room 1025, HKPC Building	Mr. Joe LEUNG
S6	Case Studies of Noise Control	16/1/2012 7:00pm – 9:00pm Room 1025, HKPC Building	Mr. Jimmy WONG
S7	Basic Road Traffic Noise Modeling Concept and Calculation of Road Traffic Noise Methodology Part 1	18/1/2012 7:00pm – 9:00pm Room 1025, HKPC Building	Ms. Grace KWOK
S8	Calculation of Road Traffic Noise Methodology Part 2	30/1/2012 7:00pm – 9:00pm Room 1025, HKPC Building	Ms. Grace KWOK
S9	3D Visualization Techniques for Modeling	1/2/2012 7:00pm – 9:00pm Room 1025, HKPC Building	Mr. Andy CHUNG/ Mr. James CHOI
S10	Case Studies on Road Traffic Noise Assessment	3/2/2012 7:00pm – 9:00pm Room 1025, HKPC Building	Mr. Alvin TSE
S11	Practical Hands-on Experiences on 3D noise assessment and visualization tool	4/2/2012 9:00am – 12:00noon Room 222, Wong Foo Yuan Building, CUHK	Ir Priscilla CHAN & Mr. W. K. LEUNG
S12	Hands-on experience on road traffic noise measurement and latest developments in instrumentation	10/2/2012 7:00pm – 9:00pm Room 1025, HKPC Building	Mr. Tom HO
S13	Practical session: On-site road traffic noise measurement	11/2/2012 10:00am – 12:00noon To be confirmed	Mr. Tom HO
S14	Product noise assessment One – theoretical session	17/2/2012 10:00am – 12:00noon Room 1025, HKPC Building	Dr. Randolph C. K. LEUNG
S15	Product noise assessment Two – practical session	18/2/2012 10:00am – 12:00noon PolyU	Dr. Randolph C. K. LEUNG

Session	Topic	Date/Time/Venue	Speaker
S16	End of course assessment for noise control	15/2/2012 7:00pm – 9:00pm Room 1025, HKPC Building	Administrator
S17	End of course assessment for road traffic noise assessment	20/2/2012 7:00pm – 9:00pm Room 1025, HKPC Building	Administrator
S18	End of course assessment for road traffic noise measurement	22/2/2012 7:00pm – 9:00pm Room 1025, HKPC Building	Administrator
S19	End of course assessment for product noise assessment	24/2/2012 7:00pm – 9:00pm Room 1025, HKPC Building	Administrator

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

Calendar with sessions are as below for easy reference.

January & February 2012

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

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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. : _____

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	4/1/2012 7:00pm – 9:00pm Room 1025, HKPC Building	\$400 /\$800 /NA*	
S2	Noise Assessment, Management and Mitigation in Hong Kong	6/1/2012 7:00pm – 9:00pm Room 1025, HKPC Building	\$400 /\$800 /NA*	
S3	Noise Control Ordinance	9/1/2012 7:00pm – 9:00pm Room 1025, HKPC Building	\$400 /\$800 /NA*	
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S5	Construction Noise Control	11/1/2012 7:00pm – 9:00pm Room 1025, HKPC Building	\$400 /\$800 /NA*	
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S16	End of course assessment for noise control	15/2/2012 7:00pm – 9:00pm Room 1025, HKPC Building	\$200 /\$400 /NA*	
S17	End of course assessment for road traffic noise assessment	20/2/2012 7:00pm – 9:00pm Room 1025, HKPC Building	\$200 /\$400 /NA*	
S18	End of course assessment for road traffic noise measurement	22/2/2012 7:00pm – 9:00pm Room 1025, HKPC Building	\$200 /\$400 /NA*	
S19	End of course assessment for product noise assessment	24/2/2012 7:00pm – 9:00pm Room 1025, HKPC Building	\$200 /\$400 /NA*	

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 Koei LAM
Tel.: 2369 2090 Fax.: 2369 2060 Email: koeilam@momentousasia.com
Address: Room 5, 12/F Block A New Trade Plaza, No. 6 On Ping Street, Shatin, N.T..
- 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 Koei LAM, 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 payment is non-refundable.