

Supporting
Organization:

Acoustics Certificate Courses 2016

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 and BEAM Society Limited (BSL) are proud to present a series of acoustics certificate courses. These courses are aiming at provide to the local professionals with a structured frame starting from general sessions including the basic acoustics concept, noise ordinance, road traffic noise assessment and measurement. The courses also include some special sessions such as three dimensional (3D) noise assessment and modeling techniques, architectural acoustics design, railway noise measurement. The outlines of the courses are:

General Sessions:

Session 1:	Basic Acoustics and Instrumentation
Session 2:	Noise Assessment, Management and Mitigation in Hong Kong
Session 3:	Noise Control Ordinance
Session 4:	Commercial / Industrial Noise Control
Session 5:	Case Studies in Noise Control
Session 6:	Basic Road Traffic Noise Modeling Concept and Calculation of Road Traffic Noise Methodology Part 1
Session 7:	Calculation of Road Traffic Noise Methodology Part 2
Session 8:	Hands-on Experience on Road Traffic Noise Measurement and Latest Developments in Instrumentation
Session 9:	Practical Session: On-site Road Traffic Noise Measurement
Session 10:	Construction Noise Control
Session 11:	Experience and Practical Solution on Road Traffic Noise Assessment

Special Sessions: (please note that applicants who wish to attend the following sessions should obtain certain acoustics knowledge)

Session 12:	Introduction to 3D Noise Assessment and Visualization Tool
Session 13:	Practical Application on Developing 3D Noise Modeling
Session 14:	Architectural Acoustics Design – Theoretical Assessment & Reference Standard
Session 15:	Practical Session: Design in Building related to Architectural Acoustics
Session 16:	Rail Noise Source Characteristics & Mitigation Measures
Session 17:	Railway Noise, vibration and track properties Measurement

Assessment:

Session 18:	End of Course Assessment for Noise Control
Session 19:	End of Course Assessment for Road Traffic Noise Measurement
Session 20:	End of Course Assessment for Road Traffic Noise Assessment
Session 21:	End of Course Assessment for 3D Noise Modeling
Session 22:	End of Course Assessment for Architectural Acoustics Design
Session 23:	End of Course Assessment for Railway Noise Measurement

Certificates, Language, Fee, Enquiry and Registration

Certificates

Attendance certificates will be issued by HKIOA, HKIE-MMNC Division & BSL to the participants after each session for counting in their CPD purpose.

A Noise Control Certificate will be endorsed by HKIOA, HKIE-MMNC Division & BSL and issued to the participants who registered and attended compulsory **sessions 3, 4, 5 and 10**, and then successfully passing the session 18 end-of-course appraisal and assessment.

A Road Traffic Noise Measurement Certificate will be endorsed by HKIOA, HKIE-MMNC Division & BSL and issued to the participants who registered and attended compulsory **sessions 1, 2, 8 and 9** and successfully passing the session 19 end-of-course appraisal and assessment.

A Road Traffic Noise Assessment Certificate will be endorsed by HKIOA, HKIE-MMNC Division & BSL and issued to the participants who registered and attended compulsory **sessions 6, 7 and 11**, and then successfully passing the session 20 end-of-course appraisal and assessment.

A 3D Modeling Analysis Certificate will be endorsed by HKIOA, HKIE-MMNC Division & BSL and issued to the participants who registered and attended compulsory **sessions 12 and 13** and successfully passing the session 21 end-of-course appraisal and assessment.

An Architectural Acoustics Design Certificate will be endorsed by HKIOA, HKIE-MMNC Division & BSL and issued to the participants who registered and attended compulsory **sessions 14 and 15** and successfully passing the session 22 end-of-course appraisal and assessment.

A Railway Noise Measurement Certificate will be endorsed by HKIOA, HKIE-MMNC Division & BSL and issued to the participants who registered and attended compulsory **sessions 16 and 17** and successfully passing the session 23 end-of-course appraisal and assessment.

The Certificates will be recognized as HKIOA, HKIE & BSL continuous professional development.

Note: the certificates of end-of-course assessment will be considered to fulfill the academic requirement of HKIOA membership application

Language	English									
Venues	Lectures venues at Billion Plaza, 8 Cheung Yue Street, Cheung Sha Wan, Kowloon, HK. (IVE Campus) Practical session of road traffic noise measurement is located at Wan Chai.									
Fees	<table border="1"> <thead> <tr> <th>Per sessions</th> <th>Members of HKIOA, HKIE & BSL</th> <th>Other Participants*</th> </tr> </thead> <tbody> <tr> <td>1-17</td> <td>\$700</td> <td>HK\$1000</td> </tr> <tr> <td>18-23</td> <td>\$350</td> <td>HK\$500</td> </tr> </tbody> </table> <p>*Group registration for other participants of more than 5 will obtain a 10% discount.</p>	Per sessions	Members of HKIOA, HKIE & BSL	Other Participants*	1-17	\$700	HK\$1000	18-23	\$350	HK\$500
Per sessions	Members of HKIOA, HKIE & BSL	Other Participants*								
1-17	\$700	HK\$1000								
18-23	\$350	HK\$500								
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 and mc.hkie.org.hk . Enrollment will be made on first-come-first-served basis. Enquiries can be given to Course Administrator.									
Course Administrator	HKIOA - Ir Dr Clief TANG Chi Kong IVE – General enquiry Tel.: 2435 9423 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									
Deadline of Application	22/6/2016									

Date, Time and Venue

Session	Topic	Date/Time/Venue	Speaker
S1	Basic Acoustics and Instrumentation	27/06/2016 7:00pm – 9:00pm Rm 905, Billion Plaza	Ir Dr Clief TANG
S2	Noise Assessment, Management and Mitigation in Hong Kong	29/06/2016 7:00pm – 9:00pm Rm 905, Billion Plaza	Ir C.K. LEE
S3	Noise Control Ordinance	04/07/2016 7:00pm – 9:00pm Rm 804, Billion Plaza	Mr Benson LEE
S4	Commercial / Industrial Noise Control	06/07/2016 7:00pm – 9:00pm Rm 905, Billion Plaza	Mr C.L. WONG
S5	Case Studies in Noise Control	08/07/2016 7:00pm – 9:00pm Rm 905, Billion Plaza	Mr C.L. WONG
S6	Basic Road Traffic Noise Modeling Concept and Calculation of Road Traffic Noise Methodology Part 1	11/07/2016 7:00pm – 9:00pm Rm 905, Billion Plaza	Dr C.W. LAW
S7	Calculation of Road Traffic Noise Methodology Part 2	13/07/2016 7:00pm – 9:00pm Rm 905, Billion Plaza	Dr C.W. LAW
S8	Hands-on Experience on Road Traffic Noise Measurement and Latest Developments in Instrumentation	15/07/2016 7:00pm – 9:00pm Rm 905, Billion Plaza	Mr Tom HO
S9	Practical Session: On-site Road Traffic Noise Measurement	16/07/2016 9:00am – 12:00pm Wan Chai	Mr Tom HO
S10	Construction Noise Control	20/07/2016 7:00pm – 9:00pm Rm 905, Billion Plaza	Mr Benson LEE
S11	Experience and Practical Solution on Road Traffic Noise Assessment	22/07/2016 7:00pm – 9:00pm Rm 905, Billion Plaza	Mr Joe LEUNG
S12	Introduction to 3D Noise Assessment and Visualization Tool	25/07/2016 7:00pm – 9:00pm Rm 905, Billion Plaza	Mr James CHOI
S13	Practical Application on Developing 3D Noise Modeling *candidate needs to bring his/her own notebook for practicing*	29/07/2016 6:30pm – 9:30pm Rm 803, Billion Plaza	Mr James CHOI
S14	Architectural Acoustics Design – Theoretical Assessment & Reference Standard	01/08/2016 7:00pm – 9:00pm Rm 905, Billion Plaza	Dr H.Y. WONG
S15	Practical Session: Design in Building related to Architectural Acoustics	03/08/2016 7:00pm – 9:00pm Rm 905, Billion Plaza	Dr H.Y. WONG

S16	Rail Noise Source Characteristics & Mitigation Measures	05/08/2016 7:00pm – 9:00pm Rm 905, Billion Plaza	Mr Wilson HO
S17	Railway Noise, vibration and track properties Measurement	08/08/2016 7:00pm – 9:00pm Rm 905, Billion Plaza	Mr Wilson HO
S18	End of Course Assessment for Noise Control	15/08/2016 7:00pm – 8:30pm Rm 905, Billion Plaza	Invigilator
S19	End of Course Assessment for Road Traffic Noise Measurement	17/08/2016 7:00pm – 8:30pm Rm 905, Billion Plaza	Invigilator
S20	End of Course Assessment for Road Traffic Noise Assessment	19/08/2016 7:00pm – 8:30pm Rm 905, Billion Plaza	Invigilator
S21	End of Course Assessment for 3D Noise Modeling	22/08/2016 7:00pm – 8:30pm Rm 905, Billion Plaza	Invigilator
S22	End of Course Assessment for Architectural Acoustics Design	24/08/2016 7:00pm – 8:30pm Rm 905, Billion Plaza	Invigilator
S23	End of Course Assessment for Railway Noise Measurement	26/08/2016 7:00pm – 8:30pm Rm 905, Billion Plaza	Invigilator

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

Calendar with sessions are as below for easy reference.

	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Jun	26 Jun	27 Jun S1	28 Jun	29 Jun S2	30 Jun	01 Jul	02 Jul
Jul	03 Jul	04 Jul S3	05 Jul	06 Jul S4	07 Jul	08 Jul S5	09 Jul
	10 Jul	11 Jul S6	12 Jul	13 Jul S7	14 Jul	15 Jul S8	16 Jul S9
	17 Jul	18 Jul	19 Jul	20 Jul S10	21 Jul	22 Jul S11	23 Jul
	24 Jul	25 Jul S12	26 Jul	27 Jul	28 Jul	29 Jul S13	30 Jul
	31 Jul	01 Aug S14	02 Aug	03 Aug S15	04 Aug	05 Aug S16	06 Aug
Aug	07 Aug	08 Aug S17	09 Aug	10 Aug	11 Aug	12 Aug	13 Aug
	14 Aug	15 Aug S18 (assessment)	16 Aug	17 Aug S19 (assessment)	18 Aug	19 Aug S20 (assessment)	20 Aug
	21 Aug	22 Aug S21 (assessment)	23 Aug	24 Aug S22 (assessment)	25 Aug	26 Aug S23 (assessment)	27 Aug

Acoustics Certificate Courses 2016

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 BSL 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 boxes.

General Session										
S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	S11
Special Session										
S12	S13	S14	S15	S16	S17					
						Total session(s) _____				
End of Course Assessment										
S18	S19	S20	S21	S22	S23					
						Total Cheque amount HK\$: _____				
						Cheque No.: _____				

Session	S1-S17	S18-S23
Members of HKIOA, HKIE & BSL/ other participants*	\$700/ \$1000*	\$350/\$500*

* Please delete as appropriate.

Notes:

1. Group registration for other participants of more than 5 will obtain 10% discount.
2. Please fax or email the completed enrollment form to the **Course Administrator as below** for reservation:
IVE – General Enquiry Tel.: 2435 9423 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
3. Reservations will be confirmed upon receipt of payment and availability of places. Successful applicants will be informed via e-mail or SMS.
4. The enrollment will be made on first-come-first-served basis.
5. Cheque must be made payable to '**Hong Kong Institute of Acoustics Limited**' and be sent, together with the registration form, to Course Administrator.
6. The organizers reserve the right to allot the registration to members of the organizing organizations in case of over subscription.
7. The organizers reserve the right to change the course topics, time, venues and speakers.
8. Course information/registration form is available from web sites www.hkioa.org and mc.hkie.org.hk.
9. The discounted fee is valid only for **Current Member**.
10. Payment is non-refundable.