



**HKIOA**



**HKIE-MMNC**

## **Certificate Courses on 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 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 and measurement. The courses also include a practical session with hands-on experience on three dimensional (3D) noise assessment and a practical session on 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: Noise Control Ordinance
- Session 4: Construction Noise Control
- Session 5: Industrial 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 : End of course assessment for noise control
- Session 15 : End of course assessment for road traffic noise assessment
- Session 16 : End of course assessment for road traffic noise measurement

## Fees, Certificates, Language, Enquiry and Registration

<b>Certificates</b>	<p>Attendance certificates will be issued by HKIOA &amp; HKIE-MMNC Division to the participants after each session for counting in their CPD purpose.</p> <p><b>A Noise Control Certificate</b> will be endorsed by HKIOA &amp; HKIE-MMNC Division and issued to the participants who registered and attended compulsory <b>sessions 3, 4, 5 and 6</b>, and then successfully passing the session 14 end-of-course appraisal and assessment.</p> <p><b>A Road Traffic Noise Assessment Certificate</b> will be endorsed by HKIOA &amp; HKIE-MMNC Division and issued to the participants who registered and attended compulsory <b>sessions 7, 8, 9, 10 and 11</b>, and then successfully passing the session 15 end-of-course appraisal and assessment.</p> <p><b>A Road Traffic Noise Measurement Certificate</b> will be endorsed by HKIOA &amp; HKIE-MMNC Division and issued to the participants who registered and attended compulsory <b>sessions 1, 2, 12 and 13</b> and successfully passing the session 16 end-of-course appraisal and assessment.</p> <p>The Certificates will be recognized as HKIOA continuous professional development.</p>
<b>Language</b>	English
<b>Venues</b>	<p>The lectures are at Hong Kong Productivity Council (HKPC), Tat Chee Avenue, Kowloon Tong.</p> <p>The 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>The location of practical session of road traffic noise measurement is to be confirmed.</p>
<b>Fees</b>	<p><b>For Members of HKIOA and HKIE</b>            HK\$400 per sessions 1 - 13            HK\$100 per sessions 14, 15 and 16</p> <p><b>For Other Participants</b>            HK\$800 per sessions 1 - 13            HK\$200 per sessions 14, 15 and 16</p>
<b>Enquiry and Registration</b>	<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 <a href="http://www.hkioa.org">www.hkioa.org</a> and <a href="http://mc.hkie.org.hk">mc.hkie.org.hk</a>. The enrollment will be made on first-come-first-served basis. Enquiries can be given to Course Administrator.</p>
<b>Course Administrator</b>	<p>Miss Sara MA            Tel.: 2494 5925 Fax.: 2618 4500 Email: <a href="mailto:sarama@uti.hk">sarama@uti.hk</a>            Address: Unit 909, 9/F, Favor Industrial Centre, 2-6 Kin Hong Street, Kwai Chung, N.T.</p>
<b>Deadline of Application</b>	24/6/2010
<b>Course Coordinator</b>	Dr. CW LAW (HKIOA)
<b>The course is supported by the Environmental Protection Department.</b>	

## Date, Time and Venue

Session	Topic	Date/Time/Venue	Speaker
<b>S1</b>	Basic Acoustics and Instrumentation	5/7/2010 7:00pm – 9:00pm Room 1005, HKPC	Prof. CM MAK
<b>S2</b>	Noise Assessment, Management and Mitigation in Hong Kong	7/7/2010 7:00pm – 9:00pm Room 1005, HKPC	Ir. CK LEE
<b>S3</b>	Noise Control Ordinance	9/7/2010 7:00pm – 9:00pm Room 1005, HKPC	Mr. Joe LEUNG
<b>S4</b>	Construction Noise Control	12/7/2010 7:00pm – 9:00pm Room 1005, HKPC	Mr. Joe LEUNG
<b>S5</b>	Industrial Noise Control	19/7/2010 7:00pm – 9:00pm Room 1005, HKPC	Mr. Jimmy WONG
<b>S6</b>	Case Studies of Noise Control	26/7/2010 7:00pm – 9:00pm Room 1005, HKPC	Mr. Jimmy WONG
<b>S7</b>	Basic Road Traffic Noise Modeling Concept and Calculation of Road Traffic Noise Methodology Part 1	14/7/2010 7:00pm – 9:00pm Room 1005, HKPC	Ms. Grace KWOK
<b>S8</b>	Calculation of Road Traffic Noise Methodology Part 2	21/7/2010 7:00pm – 9:00pm Room 1005, HKPC	Ms Grace KWOK
<b>S9</b>	3D Visualization Techniques for Modeling	23/7/2010 7:00pm – 9:00pm Room 1005, HKPC	Mr. Andy CHUNG
<b>S10</b>	Case Studies on Road Traffic Noise Assessment	28/7/2010 7:00pm – 9:00pm Room 1005, HKPC	Mr. Alvin TSE
<b>S11</b>	Practical Hands-on Experiences on 3D noise assessment and visualization tool	31/7/2010 9:00am – 12:00noon Room 222, Wong Foo Yuan Building, CUHK	Ir. Priscilla CHAN
<b>S12</b>	Hands-on experience on road traffic noise measurement and latest developments in instrumentation	16/7/2010 7:00pm – 9:00pm Room 1005, HKPC	Mr. Tom HO
<b>S13</b>	Practical session: On-site road traffic noise measurement	24/7/2010 10:00am – 12:00noon To be confirmed	Mr. Tom HO
<b>S14</b>	End of course assessment for noise control	2/8/2010 7:00pm – 9:00pm Room 1005, HKPC	Administrator
<b>S15</b>	End of course assessment for road traffic noise assessment	4/8/2010 7:00pm – 9:00pm Room 1005, HKPC	Administrator
<b>S16</b>	End of course assessment for road traffic noise measurement	6/8/2010 7:00pm – 9:00pm Room 1005, HKPC	Administrator

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

# Certificate Courses on Noise Control, Noise Assessment and Road Traffic 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  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	5/7/2010 7:00pm – 9:00pm Room 1005, HKPC	\$400 /\$800 /NA*	
S2	Noise Assessment, Management and Mitigation in Hong Kong	7/7/2010 7:00pm – 9:00pm Room1005, HKPC	\$400 /\$800 /NA*	
S3	Noise Control Ordinance	9/7/2010 7:00pm – 9:00pm Room 1005, HKPC	\$400 /\$800 /NA*	
S4	Construction Noise Control	12/7/2010 7:00pm – 9:00pm Room 1005, HKPC	\$400 /\$800 /NA*	
S5	Industrial Noise Control	19/7/2010 7:00pm – 9:00pm Room 1005, HKPC	\$400 /\$800 /NA*	
S6	Case Studies of Noise Control	26/7/2010 7:00pm – 9:00pm Room 1005, HKPC	\$400 /\$800 /NA*	
S7	Basic Road Traffic Noise Modeling Concept and Calculation of Road Traffic Noise Methodology Part 1	14/7/2010 7:00pm – 9:00pm Room 1005, HKPC	\$400 /\$800 /NA*	
S8	Calculation of Road Traffic Noise Methodology Part 2	21/7/2010 7:00pm – 9:00pm Room 1005, HKPC	\$400 /\$800 /NA*	
S9	3D Visualization Techniques for Modeling	23/7/2010 7:00pm – 9:00pm Room 1005, HKPC	\$400 /\$800 /NA*	

Session	Topic	Date/Time/Venue	Fee	Enroll
S10	Case Studies on Road Traffic Noise Assessment	28/7/2010 7:00pm – 9:00pm Room 1005, HKPC	\$400 /\$800 /NA*	
S11	Practical Hands-on Experiences on 3D noise assessment and visualization tool	31/7/2010 9:00am – 12:00noon Room 222, Wong Foo Yuan Building, CUHK	\$400 /\$800 /NA*	
S12	Hands-on experience on road traffic noise measurement and latest developments in instrumentation	16/7/2010 7:00pm – 9:00pm Room 1005, HKPC	\$400 /\$800 /NA*	
S13	Practical session: On-site road traffic noise measurement	24/7/2010 10:00am – 12:00noon To be confirmed	\$400 /\$800 /NA*	
S14	End of course assessment for noise control	2/8/2010 7:00pm – 9:00pm Room 1005, HKPC	\$100 /\$200 /NA*	
S15	End of course assessment for road traffic noise assessment	4/8/2010 7:00pm – 9:00pm Room 1005, HKPC	\$100 /\$200 /NA*	
S16	End of course assessment for road traffic noise measurement	6/8/2010 7:00pm – 9:00pm Room1005, HKPC	\$100 /\$200 /NA*	

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

**Notes:**

1. Please fax or email the completed enrollment form to **Course Administrator: Miss Sara MA**  
Tel.: 2494 5925 Fax.: 2618 4500 E-mail: [sarama@uti.hk](mailto:sarama@uti.hk)  
Address: Unit 909, 9/F, Favor Industrial Centre, 2-6 Kin Hong Street, Kwai Chung, N.T.,  
for reservation.
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: Miss Sara MA**, as above.
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, time and speakers.
7. Course information/registration form is available from web sites [www.hkioa.org](http://www.hkioa.org) and [mc.hkie.org.hk](http://mc.hkie.org.hk).
8. The payment is non-refundable.
9. Calendar with sessions are as below for easy reference.

**July & August 2010**

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