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**1 Day Course on the Audit of a Junction Design  
 & the Traffic Management Plan (TMP)**  
 Jointly organised By:  
**Highway & Transportation Engineering Technical Division, IEM  
 & IEM Sabah**

**REGISTRATION FORM**  
**1 Day Course on the Audit of a Junction Design & the TMP**  
 Venue: IEM Sabah Training Centre  
 25, Lorong Damai Point, Luyang Commercial Centre,  
 88300 Kota Kinabalu, Sabah  
 Closing Date : 23<sup>rd</sup> August 2018

No	Name(s)	M'ship No.	Grade	Fee (RM)*
<b>SUBTOTAL</b>				
<b>Total Payable</b>				

**Date : 28<sup>th</sup> August 2018 (Tuesday)**  
**Venue: IEM Sabah Training Centre**  
**25, Lorong Damai Point,**  
**Luyang Commercial Centre,**  
**88300 Kota Kinabalu, Sabah**  
**Time : 8.30am – 5.00pm**  
**BEM Approved CPD/PDP Hours : 7**  
**IEM18/HQ/322/C**

***3 Days Course back to back  
 in IEM Sabah***  
**Day 1- 27/8/18 (Monday)**  
 Road Safety Audit (RSA) & Traffic  
 Management Plan (TMP)  
**Day 2- 28/8/18 (Tuesday)**  
 Audit of a Junction Design & the Traffic  
 Management Plan (TMP)  
**Day 3 - 29/8/18 (Wednesday)**  
 Traffic Impact Assessment (TIA), Transport  
 Assessment & Traffic Site Plan

\*Fees MUST be fully paid BEFORE the CLOSING DATE. Seats could only be confirmed upon payment.

Enclosed herewith a crossed cheque No: \_\_\_\_\_ for the sum of RM \_\_\_\_\_ issued in favour of "The Institution of Engineers, Malaysia" and crossed 'A/C payee only'. I/We understand that the fee is not refundable if I/We withdraw after my/our application s accepted by the Organising Committee as stated in the cancellation term. If I/We fail to attend the seminar, the paid registration fee will not be refunded.

Contact Person: \_\_\_\_\_ Designation: \_\_\_\_\_

Name of Organization: \_\_\_\_\_

Address: \_\_\_\_\_

Telephone No.: \_\_\_\_\_ (O) \_\_\_\_\_ (Fax)

\_\_\_\_\_ (H) \_\_\_\_\_ (HP)

Email: \_\_\_\_\_

Signature & Stamp

Date

Photocopies are acceptable

Registration Fees	Online Rate 1 Day (RM)	Normal Rate 1 Day (RM)	3 Days Package Rate Online (RM)	3 Days Package Rate Normal (RM)
<b>Student Member</b>	150.00	200.00	300.00	450.00
<b>Graduate Member</b>	250.00	300.00	600.00	750.00
<b>Corporate Member</b>	450.00	500.00	1200.00	1350.00
<b>Non-IEM Member</b>	900.00	1000.00	2550.00	2850.00

**IMPORTANT NOTES**

- Closing Date : 23<sup>rd</sup> August 2018
- Terms & Conditions:
- For ONLINE REGISTRATIONS, only ONLINE PAYMENT is applicable [via RHB and Maybank2u -Personal Saving & Personal Current ; Credit Card - Visa/Master].
- Payment via CASH / CHEQUE / BANK-IN TRANSMISSION / BANK DRAFT / MONEY ORDER / POSTAL ORDER / LO / WALK -IN will be considered as NORMAL REGISTRATION.
- FULL PAYMENT must be settled before commencement of the course, otherwise participants will not be allowed to enter the hall. If a place is reserved and the intended participants fail to attend the course, the fee is to be settled in full.
- Fee paid is not refundable. Registration fee includes lecture notes, refreshment.
- The Organizing Committee reserves the right to cancel, alter, or change the program due to unforeseen circumstances. Every effort will be made to inform the registered participants of any changes. In view of the limited places available, intending participants are advised to send their registrations as early as possible so as to avoid disappointment.

## Synopsis

This course will introduce the participants to the design of an at-grade intersection and how a road safety audit will look into the road safety issues. It will cover the guidelines of the various Arahan Teknik Jalan guidelines by Jabatan Kerja Raya or JKR.

The course will cover:

- The role of the road engineer/designer, road safety auditor and authorities
- The principles of design such as location and spacing of intersections
- Design controls eg selection of intersection type
- Geometric standards such as alignments and sight distance
- Right and left turn lanes, pavement tapers and auxiliary lanes
- Capacity of intersections
- Pedestrian facilities and signalisation
- Location of traffic signs, pavement markings and lamp poles
- Standard TMP layouts and their various zones
- What does a road safety audit look out for – practical issues

At the end of the course, participants, especially designers will be able to appreciate how to design an intersection and contractors will be able to understand basic TMP layouts, where to place traffic signs, draw pavement markings and locate traffic signals and street lights.

### **CANCELLATION POLICY**

IEM reserves the right to postpone, reschedule, allocate or cancel the course. Full refund if cancellation is received in writing more than 7 days before start date of the event. No cancellation will be accepted prior to the date of the event. However, replacement or substitute may be made at any time with prior notification and substitute will be charged according to membership status

### **PERSONAL DATA PROTECTION ACT**

I have read and understand the IEM's Personal Data Protection Notice published on IEM's website at <http://www.myiem.org.my> and I agree to IEM's use and processing of my personal data as set out in the said notice.

## Biodata of Speaker

**Ir. Richard Wong** graduated from Monash University, Melbourne in 1984 and is presently the Principal of RW Consultancy, a civil engineering consultancy firm that he founded in 2005. He has some 35 years experience in the engineering profession. He has worked in both overseas and local projects and his key experience extends to road safety audits, road and interchange designs, traffic light designs, traffic and transportation engineering, traffic impact assessments, traffic studies and project management. Ir. Richard is a Road Safety Auditor accredited by Jabatan Kerja Raya (JKR), Malaysia and the Chairman of the Highway and Transportation Engineering Division of the Institution of Engineers, Malaysia (IEM).

Ir. Richard has conducted RSA talks and seminars for IEM in Petaling Jaya, Johor Bahru, Penang and Miri. He has also attended several road safety seminars including a Road Safety Engineering Workshop by Vic Roads in Melbourne, Australia.

### **PROGRAMME**

08.30-08.40 am	Introduction Session by Session Chairman
08.40-10.30 am	Introduction to Junction Design
10.30-10.45 am	Tea break.
10.45-12.00 pm	Geometric Standards
12.00-1.00 pm	Auxiliary lanes and Capacity
1.00-2.00 pm	Lunch break.
2.00-3.30 pm	Signalisation and Road Furniture
3.30-3.45 pm	Coffee break
3.45-4.45 pm	TMP and road safety audit of practical issues
4.45-5.00 pm	Q&A session
5.00 pm	Adjourn