

COURSE ON PROPERTY ACCESS PLANNING AND SAFETY AUDIT FOR INFRASTRUCTURE DEVELOPMENT

Date: 13 & 14 March 2023
Time: 9.30 a.m. to 4.30 p.m.
Venue: Hotel Armada Petaling Jaya

Language / Course Notes

English will be used for the course and course material. Participants will receive the course notes in electronic format.

Registration Fee

ACEM member firms	RM 700.00 per person
Others	RM 800.00 per person

Registration is on a first-come, first-served basis. Fee will not be refunded for any cancellation. However, substitution of participants can be arranged by informing the ACEM secretariat one week before the course commences.

Closing date for registration is **7 March 2023**.

Continuing Professional Development

The course is eligible for 12 CPD hours for Registered Persons with the Board of Engineers Malaysia.

Course Trainer



Ir. Lee Choy Hin, B.Sc.Eng. (Aberdeen); M.Sc. (Leeds); PEPC, FIEM

Ir. Lee specialises in urban transport planning and traffic management, intersections and highway capacity studies, as well as road planning and design, traffic study and safety. He is currently the Managing Director of G&P Highways and Transportation Sdn Bhd, a specialist company under the G&P Professionals Group. Ir. Lee has more than 42 years of experience commencing his professional career with JKR Malaysia in 1981. He spent most of his time in JKR Malaysia involving in research, design, construction management and supervision, formulation of departmental policy, technical standards, road safety and design guidelines. He has been actively practicing as engineering consultant since leaving JKR Malaysia; mainly in the fields of traffic study, road infrastructure planning and design, as well as project management.

Certificate of Attendance

ACEM e-certificate of attendance will be issued to participants, subject to full attendance on both days.

Enquiries

For further enquiries, please contact the ACEM secretariat at tel. no. 012-5290031 or e-mail vivien@acem.com.my.



Please click link <https://klikesini.my/4TYtH> or scan QR code for **ONLINE REGISTRATION**

Course Programme

Day 1 – 13 March 2023 (Monday)

Module 1: Traffic Study and Access Planning for Property Development

9.00 a.m.	Registration
9.30 a.m.	Course Overview <ul style="list-style-type: none"> • Introduction – General Scope of TIA and Condition Precedent • Objectives – Purpose of TIA study and deliverables
10.00 a.m.	Part A: Physical study <ul style="list-style-type: none"> A.1 Identification of network and access locations and Road Inventory A.2 Traffic surveys A.3 Capacity study of existing roads affected.
10.45 a.m.	Morning Break
11.00 a.m.	Part A: Physical study (contd.) <ul style="list-style-type: none"> A.5 Future traffic growth rates and other data A.6 Projection of future traffic volume
12.30 p.m.	Q & A
1.00 p.m.	Lunch Break
2.00 p.m.	Part B: Trip Generation Study and Traffic Demand Forecast <ul style="list-style-type: none"> B.1 Development layout plan and data B.2 Trip rates assessment B.3 Trip generation forecast B.4 Future traffic demand and capacity analysis B.5 Road improvement and upgrading
3.00 p.m.	Afternoon Break
3.15 p.m.	Part C: Access Road and Junction <ul style="list-style-type: none"> C.3 Volume/Capacity Ratio and Level-of-Service (LoS) of access roads C.4 Conclusions and Justifications of road and junction scheme proposed C.5 Overall traffic impact on road network C.6 TIA Report
4.00 p.m.	Q & A
4.30 p.m.	End of Day 1

Day 2 – 14 March 2023 (Tuesday)

Module 2: Implementation of Road Infrastructure and Safety Audit

9.00 a.m.	Registration
9.30 a.m.	Course Overview <ul style="list-style-type: none"> • Introduction – General Scope of 5-Stage RSA and Condition Precedent • Objectives – Purpose of RSA and deliverables
10.00 a.m.	RSA Stages 1 & 2 <ul style="list-style-type: none"> Stage 1 – Feasibility and Planning stage Stage 2 – Preliminary Design Stage
10.45 a.m.	Morning Break
11.00 a.m.	RSA Stage 3: Detailed Design Stage RSA Elements: <ul style="list-style-type: none"> (a) Road geometrics (b) Median, lane width, shoulders and service lanes (c) Marginal strips and pavement markings (d) Roadside furniture and traffic signs & barriers (e) Junction signalization and operation (f) Street lighting
12.30 p.m.	Q & A
1.00 p.m.	Lunch Break
2.00 p.m.	RSA Stage 4: Construction Stage, Traffic Management Plan (TMP)
3.00 p.m.	Afternoon Break
3.15 p.m.	RSA Stage 5: Post Construction and Initial Operation Stage
4.00 p.m.	Q & A
4.30 p.m.	End of Day 2