

Short Course in

Technical Aspects of Car Maintenance – Part II

Automotive Engineering Specialist Group

Syllabus

- Day 1 (13/6/2024) : Engine Cooling
- Day 2 (20/6/2024) : Vehicle Air Conditioning
- Day 3 (27/6/2024) : Vehicle Batteries Charging
- Day 4 (04/7/2024) : Vehicle Roadworthiness Examination (Transport Dept)
- Day 5 (11/7/2024) : Dynamometer-aided Emission Test (Environmental Protection Dept)

**Practice-based
Learning**

Photograph: <https://www.vecteezy.com/photo/29563037-automobile-internal-combustion-engine>

Time: 18:30 to 21:30 (5 evenings x 3 hrs)
Venue: VTC Kwai Chung Complex, 13-19 San Kwai Street, Kwai Fong
Fee: HK\$2020/head (MMNC Members on Priority)
Please see attached Course Contents and Registration Instruction

Registration Instruction

- Only online registration at <http://mc.hkie.org.hk/> will be accepted.
- AESG/MMNC representative will send an email from mc@hkie.org.hk to the first 14 registered participants on first-come-first-served basis requesting for a payment of HK\$2,020 to the following bank account:
 - Bank Name : HSBC
 - Bank A/C number : 025-344888-007
 - Name of A/C holder : HKIE-MMNC Division
- Each notified participant will have to make payment into the said bank account and write down his/her name (as recorded during the MMNC on-line registration) on the front of the bank-in-slip and e-mail a scanned copy/image of this bank-in-slip to mc@hkie.org.hk as instructed in the notification e-mail from the AESG/MMNC representative to complete the registration process. Any registered participant who fails to do so within 7 calendar days from the date of notification email will be deemed as withdrawal from the registration and his place will be offered to another interested party.
- For enquiry, please contact Miss Angel YAU of MMNC/HKIE at 6020-2120 by WhatsApp or Mr Macro LEUNG of VTC at 2494-4223 by telephone.

Course Contents

Date	Topic	Practice
13/6/2024	Engine Cooling	<ul style="list-style-type: none">Student Practice: engine cooling system inspection, maintenance and fault diagnosis
20/6/2024	Vehicle Air Conditioning	<ul style="list-style-type: none">Student Practice: vehicle air conditioning inspection, maintenance and fault diagnosis
27/6/2024	Vehicle Batteries Charging	<ul style="list-style-type: none">Student Practice: various battery types charging system; inspection, maintenance and fault diagnosis; relevant safety precautions
04/7/2024	Vehicle Roadworthiness Examination	<ul style="list-style-type: none">Student Practice: scope of Certificate of Roadworthiness (COR) examination including braking efficiency assessment on brake tester
11/7/2024	Dynamometer-aided Emission Test	<ul style="list-style-type: none">Student Practice: on-board diagnostic (OBD-II) scanner; simple inspection of catalytic converter