

SKILLSFUTURE SERIES FOR URBAN SOLUTIONS

CoC in Hybrid Systems

Course Objective

Participants will acquire knowledge and skills on the working principle and functional diagnostic of hybrid vehicle management system and various powertrain transmission types.

Course Content

The course will cover functional diagnostic using Bosch tester to analyze fault codes and check hybrid battery cell health and the following topics:

- Safety and precaution measures
- Overview of the low and high voltage system
- De-energize the high voltage system
- Testing of the high voltage system
- Measuring the battery voltage system
- Construction and Operation of the electric motor
- Examine and service the cooling system
- Usage of Bosch tester voltmeter measuring function.
- Practical hybrid vehicle diagnostic using Bosch tester with actuator test function.

Level of Proficiency

Basic

Entry Requirement / Course Advisory

Basic understanding in automotive technology.

Basic proficiency in English.

Certification Awarded

Certificate of Competency

Course Details

Duration (Hours):

14

Training Venue:

ITE College West
1 Choa Chu Kang Grove Singapore
688236

Course Fees (inclusive of GST)

Full Fee

- \$ 1,294.70

NETT Fee

(after 70% course fee subsidy)

- \$ 388.41

- For Singapore Citizen & Permanent Resident

Mid-Career Enhanced Subsidy scheme

(after 90% course fee subsidy)

- \$ 146.40

- For Singapore Citizen aged 40 & above

Workfare Training Support scheme

(after 95% course fee subsidy)

- \$ 85.89

- For Singapore Citizen aged 35 & above, earning \$2000 or less per month