



# PUSAT TEKNOLOGI

## KENDERAAN HIBRID & ELEKTRIK

### KOLEJ KOMUNITI KEPALA BATAS



Ecology



Green  
Environment



Low Carbon  
Mobility



Energy Efficient  
Vehicle

## ABOUT US

Hybrid and Electric Vehicle Technology Centre (Kepala Batas Community College) was established with the mission of providing specialized training focusing on electric and hybrid vehicles, in line with the country's aim to be a regional energy-efficient vehicle (EEV) hub.

Since being recognized as an IMI Approved Centre in 2014, our training centre has equipped more than 4000 participants including IMI's international qualifications in Electric Vehicle Awareness, Electrically Propelled Vehicle Hazard Management, Routine Maintenance Activities on Electrically Propelled Vehicles and Electrically Propelled Vehicle Repair and Replacement.

Our training centre is located at Kepala Batas, Penang; 40km away from Penang International Airport. We're looking forward to having you as our guest.

# HYBRID AND ELECTRIC VEHICLE TRAINING COURSE

## INSTITUTE OF THE MOTOR INDUSTRY (UK) CERTIFICATION

### LEVEL 1 [INT- EHV1-A]

#### IMI INTERNATIONAL LEVEL 1 AWARD IN ELECTRIC/HYBRID VEHICLE AWARENESS

The content of this qualification has been designed to give learners the knowledge required to work safely around electric and hybrid vehicles. It contains one mandatory unit covering:

- The types of electric and hybrid vehicles available
- Hazards associated with motor vehicle high energy electrical systems
- Working safely around electric and hybrid vehicles including charging

As a result, learners successfully completing this qualification will acquire significant core knowledge of working safely around, but not maintain electric and hybrid vehicles.

### LEVEL 2 [INT-EHVM2-A]

#### IMI INTERNATIONAL LEVEL 2 AWARD IN ELECTRIC/HYBRID VEHICLE HAZARD MANAGEMENT FOR EMERGENCY AND RECOVERY PERSONNEL

The content of this qualification has been designed to give learners the knowledge required to work safely around electric and hybrid vehicles that may have or had damage to their high energy/electrical system, during emergency and recovery situations. It contains one mandatory unit covering:

- How to reduce the risk of injury when encountering electric and hybrid vehicles
- How to safely transport and store electric and hybrid vehicles

As a result, learners successfully completing this qualification will acquire significant core knowledge and the ability to work safely around, but not maintain electric and hybrid vehicles.

### LEVEL 2 [INT-EHVRM2-A]

#### IMI INTERNATIONAL LEVEL 2 AWARD IN ELECTRIC/HYBRID ROUTINE MAINTENANCE ACTIVITIES

The content of this qualification has been designed to give the learners the knowledge and skills required to work safely on electric and hybrid vehicles whilst carrying out routine maintenance and repair activities (not voltage components or systems). It contains one mandatory unit covering knowledge of:

- Electric and hybrid vehicle system components and operation
- Hazards surrounding electric/hybrid vehicles
- How to reduce the risks to yourself and others when working on electric/hybrid vehicles
- Safely preparing the vehicle when carrying routine maintenance (NOT high voltage components or systems)

As a result, learners successfully completing this qualification will acquire significant core knowledge and skills and the ability to work safely around and maintain electric and hybrid vehicles.

### LEVEL 3 [INT-EHVR3-A]

#### IMI INTERNATIONAL LEVEL 3 AWARD IN ELECTRIC/HYBRID SYSTEM REPAIR AND REPLACEMENT

The content of this qualification has been designed to give learners the knowledge and skills required to work safely on electric and hybrid vehicles whilst carrying out diagnostic, testing and repair activities.

This may include vehicles that may have or had damage to their high energy/electrical system. It contains knowledge of

- Working safely on an electric and hybrid vehicle
- Using information to carry out the task
- Carrying out repairs on high energy electrical systems
- Recording information and making suitable recommendations

As a result, learners successfully completing this qualification will acquire significant core knowledge and skills and the ability to remove and replace electric and hybrid vehicle high voltage components.

### \*\*LEVEL 4 [INT-LVEV4]

#### IMI INTERNATIONAL LEVEL 4 FAULT DIAGNOSIS, TESTING AND REPAIR OF ELECTRIC/HYBRID VEHICLES AND COMPONENTS

The purpose and aim of this qualification is to provide technicians who maintain and repair electric/hybrid vehicles with the knowledge and skills required to work on live high voltage vehicle electrical components and associated systems. This is the first qualification of its kind to address working on live electric/hybrid vehicle high voltage vehicle systems and components.

On completion of this qualification technicians will be able to practically demonstrate that they have the skills required for repairing high voltage vehicle systems and components.

\*\*Only available after completing LEVEL 3 with 6 months experience in hybrid/electric vehicles.

## Contact us at:

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