



WEBINARS ON ELECTRIC AND HYBRID VEHICLES FOR COUNTER CLERKS AND TECHNICAL ADVISORS

WHAT IS AN ELECTRIC VEHICLE?

- Explain the electric vehicle vs. the environment.
- Explain the different EV categories.
 - Hybrid vehicles.
 - Plug-in hybrids.
 - Extended range vehicles.
 - Fuel cell vehicles.

Trainer : Wilson Almeida

Date : September 12, 2023

Time: 6:30 p.m. to 8:30 p.m

HOW ELECTRIC VEHICLES WORK?

- Explain the different engineering designs of electric vehicles.
 - P0 to P5.
- Explain the different types of electric vehicles.
 - Serial.
 - Parallel.
 - Parallel series.
- Charging stations.
 - J1772 level 1.
 - J1772 level 2.
 - Fast charging (SAE combo and CHAdeMO).

Trainer: Wilson Almeida

Date : September 19, 2023

Time : 6:30 p.m. to 8:30 p.m

EXPLANATION OF ELECTRIC VEHICLE COMPONENTS

- Electric motor with gear reduction box.
- HT inverter.
- HT battery.
- CTP (PTC).
- AC compressor.
- DC/DC converter.

Trainer : Wilson Almeida

Date : September 26, 2023

Time : 6:30 p.m. to 8:30 p.m

MAINTENANCE AND SAFETY OF AN ELECTRIC VEHICLE

- Explain the maintenance of these vehicles.
 - HT cooling system
 - Filtration on EV systems
 - Hydraulic braking system
 - Special feature on some EV vehicles
- Necessary protective equipment for the technician.
 - Multimeter.
 - Type of gloves.
 - Personal protective equipment (PPE).
 - Other equipment.
- EV parts available at the aftermarket level.

Trainer : Wilson Almeida

Date : October 3, 2023

Time : 6:30 p.m. to 8:30 p.m

TO REGISTER

Contact the Vast-Auto Academy:
avad@vastauto.com