



Course Overview

An increasing number of electronically controlled systems now influence the area of vehicle dynamics, including systems that actively respond to control the braking, steering and suspension of a vehicle. Technologies such as Electronic Stability Control and Adaptive Cruise Control often work together to enhance the safety and control of a vehicle, alongside other systems such as Servotronic Steering and Electronic Damper Control. This course provides an in-depth view of the functional operation of these systems and will equip technicians with the diagnostic skills required for efficient fault diagnosis.

Who is the course for?

Vehicle technicians with a sound knowledge of braking, ABS and ESP systems.

What will I get out of it?

You will be able to:

- Carry out advanced diagnostic testing on typical ESP Plus systems and the individual system components.
- Identify component faults that require replacement or repair where appropriate.
- Complete diagnostic tests on active vehicle systems to locate faults and identify items that need to be repaired or replaced.
- Carry out initialisation procedures to return ESP and active system components to correct vehicle adaptation settings.

Course Duration

30Hours (5 days)

Course Format

Labs /workshop

Course Fees

240 Omani Rial

Language

Arabic/English



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National College of Automotive Technology