



## Course Overview

This course is for technicians who require training on the more advanced technological aspects of diesel engine management, the developments in component technology, emissions control and the associated sub-systems that are currently found on diesel systems. Highly advanced system components and controls are becoming increasingly common, to carry out efficient diagnosis, technicians require a thorough understanding of the operational concept of these components and controls. Practical test procedures and demonstrations will provide trainees with an in-depth working knowledge.

## Who is the course for?

Vehicle technicians who are proficient in the use of a typical oscilloscope and diagnostic tester and can carry out diagnostic test procedures on diesel engine management systems.

## What will I get out of it?

You will be able to:

- Identify and state the detailed operation of the sensors, components and actuators of advanced diesel engine management systems.
- Carry out advanced diagnostic test routines on diesel systems and individual components.
- Utilise all available data for the evaluation of vehicle faults.
- Identify any components requiring replacement or repair.
- Carry out comprehensive system tests to ensure functional serviceability.

**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