



Course Overview

All technicians require electrical system know-how and fault finding skills to work on modern vehicle systems. The content of this course is essential knowledge for the development of a technician's diagnostic capability. The overall learning goal is to provide learners with a working knowledge of standard electrical test procedures and how they are applied correctly.

These tests allow delegates to perform electrical confirmation checks with confidence when carrying out diagnostic routines. Attendance is not necessary for technicians who are already proficient in electrical circuit testing theory and practice.

Who is the course for?

Vehicle technicians who are familiar with the operation of a typical digital multimeter and can use it correctly on automotive applications.

What will I get out of it?

You will be able to:

- Understand a typical system wiring diagram to identify electrical components.
- Identify the current paths connecting components to control unit(s) of a system.
- Understand how to use electrical test equipment correctly on vehicle system circuits.
- Carry out test procedures using voltage, resistance and current measurement.
- Understand how to carry out test procedures using voltage drop method to indicate circuit faults.
- Understand how to use equipment designed to test battery and circuit condition.

Course Duration

25Hours (5 days)

Course Format

Labs /workshop

Course Fees

200 Omani Rial

Language

Arabic/English



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