



Training Course



HELLA Training Academy Diagnostics

Date: 13th & 14th November 2015 - 2 day course



The Course Topics

- Understanding of various types of sensors, ECU's, actuators, circuits and components used in automotive electrical / electronic systems
- Understanding of various settings and relevant testing of electrical / electronic circuits, systems and components of automotive using a DVOM (Digital Volt Ohm Meter) / DMM (Digital Multimeter)
- Component(s), circuit(s) and complete system(s) testing of a vehicle's cranking / starting system using a DMM
- Component(s), circuit(s) and complete system(s) testing of a vehicle's charging system using a DMM
- Component and circuit testing of a vehicle's Body Control systems using a DMM
- Component and circuit testing of a vehicle's Engine Management systems using a DMM
- Introduction to the use of an Oscilloscope.
- Use of the Oscilloscope to carry out basic testing of Inductive sensors (Analogue Sensors) and Hall Effect (Digital Sensors)

The Course Aims to:

On completion of this course, participants will be able to:

- Fully understand and appreciate the various types of sensors, ECU's, actuators, circuits, sub circuits and components incorporated in automotive electrical / electronic system(s).
- Fully understand the various settings and relevant test procedures required to check and test automotive electrical / electronic circuits, sub systems and components using a DMM / DVOM.
- Introduction to the practical use of an Oscilloscope on Analogue and Digital sensors

Prerequisites

- Participants are required to complete Hella Tech World On-line Basic Knowledge of Motor Vehicle Electrics and Hella Training Academy Automotive Electrics & Testing.

The Target Groups:

- Automotive Technicians
- Auto Mechanics / Electricians

Discount applies for
AutoMester
Garages!

LOCATION

HELLA Training Academy (HTA), Woodford Business Park, Santry, Dublin 17

DURATION

2 day (lunch provided)

COURSE FEE

€440

Pre-paid by Credit Card

Book online now: www.hta.ie
or contact HELLA Ireland

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Early Bird

Book before 16th Oct.
and avail of €40 discount