



Training Course



HELLA Training Academy Automotive Electronic Systems Advanced

Dates: 17th & 18th June 2016 - 2 day course



The Course Topics

- Understanding of the test procedures for various Automotive sensors
- Introduction and basic understanding of Binary, PID (Parameter Identifier), node identification, function identification
- Understanding of closed and open loop systems
- Understanding of PWM (Pulse Width Modulation) and actuator control
- Understanding of gating conditions, AND, OR, XOR, NOT, NAND, NOR, and XNOR
- Understanding of RF, Bluetooth and various wireless technologies
- Understanding of Automotive ECU design, transient protection, reverse polarity, Radiated emissions, Immunity, ESD and general EMC compliance (E Marking)

The Course Aims to: On completion of this course participants will be able to:

- Possess a basic knowledge of Binary to understand PID (Parameter Identification) and Node identification
- Possess a basic understanding of the operation of various wireless Automotive systems RF, Bluetooth, WLAN.
- Possess a basic understanding and have an appreciation of Automotive ECU design and EMC compliance / conformities, safety precautions when working on Automotive electronic systems, understanding and prevention of excessive transients, reverse polarity and an understanding of E-Marking

Prerequisites

- Participants are required to have attained Hella Senior Technician level.

The Target Groups:

- Automotive Technicians
- Auto Mechanics / Electricians
- Automotive Apprentices
- Automotive Parts Professionals



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 20th May
and avail of €40 discount