



Training Course



Advanced Vehicle Networks

Date: 20th & 21st May 2016 - 2 day course

The Course Topics

- Understanding CAN and CAN history
- CAN architecture ISO 11898-2 and 11898-3
- CPU, CAN controller and CAN transceiver
- Node architecture, Master and slave. IP address / ID allocation
- Binary
- CAN data transmission, message arbitration, dominant / recessive bit architecture, bit timing.
- Application layer
- Data frames, Standards & Security
- Other networks, LIN, SW CAN, GM LAN, VAN, FLEXRAY, MOST,
- Wireless networks to include Bluetooth, RS 232 and RS 485.
- Advanced diagnostics to include basic, advanced tools and equipment for the de-bug of all network systems.

The Course Aims to:

On completion of this course participants will:

- Possess an in-depth knowledge and advanced understanding of all modern day vehicle's communication, networks and systems.
- Possess an advanced ability to diagnose, test and repair vehicle network systems on all modern vehicles using various diagnostic tools to include but not limited to multi-meter (DMM), code readers, networks de-bug scanners, oscilloscope, can analysers,

Prerequisites

- Participants are required to have attained Hella Senior Technician level

The Target Groups:

- Automotive Technicians
- Auto Mechanics / Electricians

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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Discount applies
for
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Book before 22nd April
and avail of €40 discount