



Education Event

How to teach CAN bus, sensors and control applications in automotive

FREE

16 June Birmingham
13 July Halifax



Attend this FREE one day hands-on seminar and learn how to use the latest resources to deliver automotive training. Free curriculum handouts will be provided to all delegates.

Who benefits from attending?

This event is aimed at those educationalists who teach CAN bus, automotive sensors, electronics and electricity in an automotive context from levels 1-3. You can see the details of the products we offer on pages 14 and 15 of the Locktronics catalogue.

Course objectives

This is a hands-on training session. By the end of the day, you will cover how to deliver the following objectives/experiments:

- How to teach level 1 and 2 electricity and electronics.
- AC principles for automotive technicians.
- An introduction to teaching motors and generators.
- DC motors with speed control and stepper motors.
- Introduction to sensing and controlling with an ECU.
- An introduction to digital electronics.
- Teaching ECU action and functions.
- Wiring in CAN bus systems
- How to teach CAN bus – messages and faults.
- Inserting and diagnosing CAN bus faults
- Demonstration on how to use diagnostic scopes with CAN bus (PICO and Kvaser).

Terms and conditions

Places will be allocated on a first come, first served basis. Contact Justin to register interest for future seminars. Maximum of two delegates per institution. All successful delegates will receive confirmation.

Booking

To reserve your place, contact:

Justin Waters

Email Justin@matrixmultimedia.co.uk

Tel: 01422 252380



All candidates receive
free curriculum
handouts.