



Go Further

T57.2EC

## Vehicle Electric and Electronic Systems

### Course Aim:

To enable students to understand, diagnose and repair vehicle electronic systems following Ford approved procedures.

### Subject Matter Includes:

- General Systems
  - Wiring Diagram Recap
  - Power Supply
  - Communications Network
  - Lighting Systems
  - Active Grill Shutter
  - Wipers
- Multifunction Modules
  - Generic Electronic Module
  - Body Control Module
- Driver Information Systems
  - Instrument Cluster
- Driver Assistance Systems
  - Lane Keeping Aid (LKA)
  - Active City Stop
  - Parking Aid (including rear view camera)
  - Speed Control
  - Active Park Assist
- Driver Warning Systems
  - Tyre Pressure Monitoring (TPMS)
  - Deflation Detection (DDS)
  - Forward Alert (Collision Warning)
  - Blind Spot Information (BLIS) Monitoring
  - Lane Departure Warning (LDW)
  - Driver Alert
  - Traffic Sign Recognition (TSR)
- Anti-Theft Systems
- Comfort and Convenience Electronics
- Infotainment Systems
  - Audio and Navigation
  - Bluetooth
  - Ford SYNC
- Occupant Protection Systems

**Method:** Classroom, practical work and drive elements

**Note:** Dress code for this course is smart casual. Delegates participating in practical exercise will need to bring PPE. Please ensure that you bring your full driving license (both parts) with you and present to the admin team staff on arrival at the college. Refer to course joining instructions for further details.

### Target Audience:

- Diagnostic Technician
- Master Technician

### Level:

Intermediate

### Course Duration:

4 days

### Cost:

£165 +VAT per day

### BOOK YOUR COURSE

1. Call the Ford College to check available dates and training location. Please inform the Ford College Team that you are a *Ford Blue Oval Club Member*
2. If you are new to Ford College Training, please complete an Enrolment Form
3. Ford College will contact you to confirm your course booking
4. Receive your booking confirmation and joining instructions
5. Attend your course

### CONTACT FORD COLLEGE

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