



# Advanced Network course

To provide the industry professional with a advanced understanding of the principles of a Vehicle Network & Diagnostics - progression from the 5-day Electrical & Electronics Testing & Diagnostics course.

## TOPICS TO BE COVERED

Basic Electrics, Units, Terminology, Basic testing  
Oscilloscope  
Frequency  
Numbering systems, Binary, Decimal, Hexadecimal  
OBD II/EOBD  
Generating fault codes  
Configuration of diagnostic trouble codes (DTC)  
Networks  
Network physical topology (electrical connections)  
Transceiver, Unidirectional, Bidirectional, Bi-directional differential bus  
Dominant and Recessive states  
Full Duplex and Half Duplex  
Bit Rate and Baud Rate  
Tests to carry out when the diagnostic tool isn't working, Basic meter checks, Oscilloscope tests  
Can Bus Network, Signal Interference, Testing with scope and multi meter  
Gateway  
Local Interconnect Network (LIN)  
Media Oriented System Transport (MOST)  
Course end test

Candidates will be required to pass an online assessment at the end of the course to gain the award.

## Course Duration

2 - 3 days

## Cost

£150 per candidate per day

The fee includes course material, registration and certification.

**All prices are excluding VAT**

