

Course Synopsis

Title:	Electrical Diagnosis (ED3) Level 3
Course Code:	TTS ED3
Career Dev. Level:	3
Duration:	2 Day
Pre-Requisite:	Automotive Electrics Level 2
Section:	Technician, General Mechanical
Target Audience:	Technicians at or aiming for level 3 competency
Aims:	To diagnose and carry out repairs on Motor Vehicles using all available technical information and special tools to achieve optimum performance through fix it right first time methodology
Objectives:	At the end of the programme, the delegates will be able to: <ul style="list-style-type: none">• Understand safe working practices• Use and apply approved diagnosis methods• Use advanced functions of the Diagnostic Equipment for fault diagnosis• Understand how the CAN bus operates and diagnose faults• Understand the operation of the body electrical system• Perform fault diagnosis on all areas of a vehicle electrical system• Apply the knowledge gained to the end course test
Content:	<ul style="list-style-type: none">• Introduction• Safe working with electrics• Five step approach to fault finding• Diagnostic Equipment• CAN Systems• SRS• In car entertainment• Keyless entry, alarm, instruments, door locks, power doors, power windows, power sunroof• Wipers, lighting, Immobiliser and parking sensors
Method:	Delegate Centred with classroom theory sessions Pre Test Worksheet assessment End Test
Location:	Training Centre Salisbury
Additional/follow on ATA/TTS Training	TTS level 3 technical courses; CD3, PM3, DM3 ATA level 3 assessment, TTS level 3 technical course; HVAC3 TTS level 4 technical course; AC4, AM4