

Course Synopsis

Title:	Automotive Electrics (AE2) Level 2
Course Code:	TTS AE2
Career Dev. Level:	2
Duration:	2 Day
Pre-Requisite:	Entry level Technician* or failure in an ATA assessment
Section:	Technician, General Mechanical
Target Audience:	Technicians
Aims:	To diagnose and carry out electrical 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 basic electrical principles• Use and apply approved testing methods• Apply the appropriate diagnostic method to electrical incidents• Understand specified circuits in wiring diagrams• Apply knowledge to a specified electrical/electronic system• Repair a wiring harness• Apply the knowledge gained to the end of course test
Content:	<ul style="list-style-type: none">• Electrical Principles• Vehicle Battery• Electrical Circuits• Using a Multi-meter• Circuit Design• Electrical Circuit Components• Wiring Diagrams• Fault Diagnosis and Testing• Harness Repair• End Test
Method:	Delegate Centred with classroom theory sessions Pre Test Worksheet assessment End Test
Location:	Training Centre Salisbury
*Entry Criteria	Working in a workshop for 1 year
Additional/follow on ATA/TTS Training	TTS level 2 technical courses; SM2 & GS2 ATA level 2 assessment TTS level 3 technical course; CD3, MT3, ED3, EM3, PM3, DM3 TTS level 3 technical course; HVAC3