

Course Synopsis

Title:	Heater Ventilation & Air Conditioning (HVAC3) Level 3
Course Code:	TTS HVAC3
Career Dev. Level:	3
Duration:	2 Day
Pre-Requisite:	Automotive Electrical (AE2) level 2
Section:	Technician, General Mechanical
Target Audience:	Technicians at or aiming for level 3 competency
Aims:	To diagnose and carry out repairs on Heating, Ventilation and Air Conditioning systems 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">• Demonstrate an understanding of Heating and Ventilation systems• Demonstrate an understanding of Air Conditioning principals• Work in safety with Refrigerants and components• Perform discharge re-cycle and refill processes with competence• Demonstrate an ability to perform pressure diagnostics• Apply the knowledge gained to the end test
Content:	<ul style="list-style-type: none">• Heaters and Heating• Air Conditioning Fundamentals• Health and Safety• Air Conditioning Components• Electrical systems• Performance and Pressure Testing• Diagnosis• Discharge, Re-cycle and Refill processes• Leak Detection• Vehicle AC Systems (various)
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, ED3. ATA level 3 assessment, TTS level 4 technical course; AC4