

Course Synopsis

Title:	Petrol Engine Management (PM3) Level 3
Course Code:	TTS PM3
Career Dev. Level:	3
Duration:	2 Day
Pre-Requisite:	Automotive Electrical (AE2) level 2
Section:	Technician, General Mechanical or failure in an ATA assessment
Target Audience:	Technicians at or aiming for competency level 3
Aims:	To diagnose and carry out repairs on Petrol Engine Management 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 Engine Management systems• Locate and identify Engine Management Sensors and Actuators• Demonstrate an understanding of Closed Loop Fuelling• Demonstrate an understanding of Fuel Systems• Demonstrate an understanding of Evaporative Emissions Systems• Demonstrate an understanding of Variable Intake Systems• Demonstrate an ability to perform diagnostics and fault finding• Apply the knowledge gained to the end test
Content:	<ul style="list-style-type: none">• Engine Management Overview• Engine Management Components• Workshop Exercise: Engine Management Components• Closed Loop Fuelling• Fuel Systems• Evaporative Emissions (EVAP) System• Variable Intake System• Fault Finding
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; EM3, DM3, ED3,CD3. ATA level 3 assessment, TTS level 3 technical course; HVAC3 TTS level 4 technical course; AM4