

Curriculum for Auto-tronics

Orientation to competency based training.

Safety and first aid knowledge in the workshop

Care and use of tools applicable to the trade

Identify lubricants, materials and metals.

Identify locking devices.

Identify and fit gaskets and seals.

Apply basic hand skills.

Identify motor vehicle components.

Understand the fundamentals of lubrications.

Understand basic electricity.

Use lifting equipment.

Perform a service to a motor vehicle.

Identify heavy duty vehicle components.

Perform a minor service to a heavy duty vehicle.

Understand the fundamentals of light and heavy duty technology.

Identify bushes and bearings and remove, inspect and replace bearings.

Perform basic turning skills.

Understand the function of and perform tests and maintain batteries.

Understand basic electronics.

Understand and apply vehicle electrical circuits and wiring.

Understand the function of and diagnose and repair vehicle charging system components.

Understand the function of and assess and repair vehicle starting systems.

Understand the function of and assess and repair vehicle ignition systems.

Identify, assess and repair vehicle peripheral electrical components.

Identify, assess and repair vehicle peripheral electronic components.

Identify, fit and maintain aftermarket vehicle accessories.