

The curriculum for Petrol training is:

L1 Introduction to training in the motor industry

L1 Safety and first-aid knowledge in the workshop

L1 Identify lubricants, materials and metals

L1 Care and use of tools applicable to the trade

L1 Identify locking devices

L1 Identify and fit gaskets and seals

L1 Apply basic hand skills

L1 Identify motor vehicle components

L1 Understand the fundamentals of lubrication

L1 Understand basic electricity

L1 Use lifting equipment

L1 Perform a service to a motor vehicle

L2 Study the fundamentals of technology

L2 Identify, bushes and bearings and remove, inspect and replace bearings

L2 Service motor vehicle components

L2 Identify, remove, diagnose and replace fuel system components (carburettor systems)

L2 Identify exhaust systems

L2 Remove, inspect and replace cooling system components

L2 Remove and replace lubrication system components

L2 Remove and replace suspension components

L2 Understand the fundamentals of steering and wheel components

L2 Fuse metals

L3 Remove, recondition and replace cylinder heads

L3 Dismantle, service, repair and assemble the engine block and its main components

L3 Remove, diagnose and replace fuel system components

L3 Understand basic electronics

L3 Test ignition system components

L3 Study the fundamentals of engine efficiency and forced charging

L3 Remove, test, repair and replace electrical components

L3 Remove and replace clutch and transmission components

L3 Diagnose faults and repair brake systems and components

L4 Diagnose, remove, inspect, repair and replace advanced transmission systems

L4 Identify, test and repair advanced mechanical and electronic systems

L4 Understand advanced electronic ignition systems

L4 Understand, diagnose, remove, replace and commission air conditioning systems

L4 Identify and understand advanced high-speed diesel engines

L4 Remove and replace diesel fuel injectors and pumps; service filters and diagnose engine performance