

Automotive Electrics: Basic electrical principles, ignition systems, starting systems, charging systems and other electrical components of the vehicle being introduced is strengthened through the practice course.

Measurement Technique: Measurement and control definitions, application areas in the industry, operation and maintenance of measuring devices and apparatus, sensitivity limits, calibration and use in applications such issues is to teach.

Machine Elements: The basic concepts of machine elements, removable fasteners, motion transmission elements, shafts, axles and bearings are introduced.

Engine Technology: Otto engine principles, the structural characteristics of gasoline engines, gasoline engines constituent parts, gasoline engine found in the introduction and implementation of the system is strengthened through the lessons.

Technical Drawing: The technical picture of the importance of technical drawing norms, the drawing rules, creating views, sectioning, dimensioning and perspective, as well as basic technical drawing rules taught and then practice with lessons to reinforce, machine elements drawing terms are introduced.

Comfort Systems: The safety and comfort systems on the vehicle are introduced.

Fuel and Ignition Systems of Plug Sparking Engine: Conventional ignition systems disadvantages of eliminating targeting various electronic ignition systems repair and maintenance, and the best combustion to ensure the fuel is sprayed allowing different fuel injection systems to introduce and practice lessons and is strengthened.

Power Transmission Units: On vehicle powertrain to give basic information about the study and application of theoretical knowledge to understand the reality and the intelligibility and keeping abreast of technological developments in the driveline aims to give culture.

Automotive Electronics: Automotive electronics based, system failures, their work, both theoretical and practical troubleshooting methods for students to comprehend in automotive electronics, troubleshooting, fault detection methods are aimed to gain skills.

Thermodynamics: Basic concepts of thermodynamics, work, laws of thermodynamics, cycles, motor cycles, power, efficiency of expression, on the theory of combustion and fuels are intended to gain qualifications.

Hydraulic and Pneumatic Systems: Hydraulics and pneumatics, know the basic concepts and principles of operation of circuit elements architectures, using circuit elements that will make the desired task is to gain the ability to establish circuits.

Labor Safety and Laborer Health: Workers' health and safety, the importance of the workshop environment while working in the measures to be taken, work accidents and ways to protect this direction with the legislation to comprehend, first aid techniques to teach and recycled waste properly can store aims.

Diesel Engines and Fuel Injection Systems: The introduction of diesel engine fuel system components, maintenance and repairing and strengthening with practice lessons, new technology has been introduced to the injection system.

Movement Control Systems: Vehicle movements used in the control, pre-order, steering, brakes, adverse conditions that activates electronic systems, suspension systems, introduction and practice lessons reinforced by maintenance repair of its ability is to equip.

Engine Test and Adjustments: Engines and systems, physical controls, diagnostic test device and engine systems not perform and ECU memory faults in the deletion and parts ECU introduce to teach and practice this information to reinforce the aims.

Heating and Cooling Systems: Vehicles belonging to the introduction of air conditioning and heating systems forming part of the maintenance, repair and reinforce the capabilities and applications aimed to gain.

Vehicle Maintenance and Service Management: Service businesses physical structures and operating methods of determining service efficiency in terms of importance, service operations technical equipment and processes adequately formed enables the knowledge and skills of integrity, service equipment in the new technological development, follow-up and implementation in terms of efficiency comprehend the importance aims.