
PROGRAMS

AUTOMOTIVE SYSTEMS TECHNOLOGY - AUTOMOTIVE MANAGEMENT (C6' (6' A)

Automotive Systems Technology

1. The engine is the heart of the car. It converts the chemical energy of the fuel into mechanical energy. The engine consists of several cylinders, each containing a piston and a connecting rod. The pistons are connected to the crankshaft, which converts the up-and-down motion of the pistons into a rotating motion. The crankshaft is connected to the flywheel, which stores energy and helps to keep the engine running smoothly. The engine is driven by the alternator, which generates electricity to power the car's electrical system. The engine is also connected to the transmission, which allows the driver to change gears. The transmission is connected to the driveshaft, which is connected to the rear axle. The rear axle is connected to the rear suspension, which supports the car's weight and allows it to move smoothly over bumps and potholes. The front suspension is also connected to the front axle, which is connected to the steering system. The steering system allows the driver to turn the car in the direction they want to go. The car's brakes are also connected to the front and rear axles. The brakes allow the driver to slow down or stop the car. The car's wheels are connected to the axles. The wheels are made of metal and have a tread pattern that helps to grip the road. The car's tires are made of rubber and provide a cushion between the wheels and the road. The car's body is made of metal and is painted to protect it from rust. The car's interior is made of plastic and fabric. The car's exterior is made of metal and is painted to protect it from rust. The car's engine is located in the front of the car. The transmission is located behind the engine. The driveshaft is located behind the transmission. The rear axle is located behind the driveshaft. The front axle is located in front of the engine. The steering system is located in front of the engine. The brakes are located behind the front and rear axles. The wheels are located on the front and rear axles. The tires are located on the wheels. The car's body is located in the middle of the car. The car's interior is located inside the car. The car's exterior is located outside the car.

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