



Course Content for Automobile Engineering Training

30 Days

1. Automotive Engine Systems

- Automotive Engine Fuels
- Engine Fuel & Exhaust Systems
- Superchargers & Turbochargers
- Electronic-Fuel-Injection Systems
- Fuel-Injected Fuel Systems: Diagnosis & Service
- Carburetors
- Carbureted Fuel Systems
- Diesel Fuel-Injection Systems
- Engine Lubricating Systems
- Engine Cooling Systems

2. Engine Performance and Driveability

- Automotive Emission-Control Systems
- Servicing Emission-Control Systems
- Engine Test Equipment & Tuneup
- Engine Performance & Driveability Diagnosis

3. Automotive Drive Trains

- Automotive Clutches: Operation & Service
- Manual Transmissions & Transaxles
- Driveshaft, Universal Joints, Differentials, & Drive axles
- Four-Wheel Drive, Transfer Cases, Viscous Couplings
- Automatic Transmissions & Transaxles: Diagnosis & Service



4. Automotive Chassis

- Automotive Suspension Systems
- Automotive Steering Systems
- Wheel-Alignment, Steering, & Suspension
- Automotive Brakes
- Antilock Braking, Traction Control, & Brake Diagnosis
- Tires & Wheels : Construction

5. Automotive Heating & Air Conditioning

- Ventilation, Heating, & Air Conditioning