

## Automotive Service Technician and Mechanic

**Median hourly  
earnings: \$23.11**

**Median annual  
earnings: \$44,850**

### Occupation Description

Automotive service technicians inspect, maintain, and repair automobiles and light trucks that run on gasoline, electricity, or alternative fuels such as ethanol. Automotive service technicians' and mechanics' responsibilities have evolved from simple mechanical repairs to high-level technology-related work.

### Training and Education Needed

The successful completion of a vocational training program in automotive service technology and on-the-job training.

### Training Providers

#### [Excel Institute](#)

2851 V Street, NE  
Washington, DC 20018  
Tel: 202-387-1550

#### **Automotive Service Technician Certificate**

This low-cost certificate program is designed to prepare individuals to seek ASE certification and employment in the automotive service industry. Typical job opportunities this certification would include: service station attendant, car repairer (new and used) and technician helper.

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#### [Montgomery College](#)

900 Hungerford Dr.  
Rockville, MD 20850  
(301) 279-5000

#### **Automotive Technology, A.A.S.**

The ASE-NATEF Master Certified curriculum prepares students for employment in the automotive service industry as a repair technician. The curriculum also prepares students for seven ASE automobile technician certification exams; ASE A-1, A-4, A-5, A-6, A-8 and L-1. Students are exposed to the following areas of expertise; Undercar (brakes, suspension, steering and alignment), Electrical (engine and chassis/body), Engine Performance (computer controlled fuel injection, ignition and emission control systems), Engine Repair and HVAC (Heating, Ventilation and Air Conditioning). All automotive (AT) classes consist of a lecture section and a lab (shop) section

#### **Automotive Electrical Systems Specialist Certificate**

This certificate curriculum prepares individuals for employment in the automotive service industry as an electrical systems technician. The curriculum also prepares individuals for the ASE A-6 (Electrical Systems) automobile technician certification exam.

### **Engine Performance Specialist Certificate**

This certificate curriculum prepares individuals for employment in the automotive service industry as an engine performance and repair technician. The curriculum also prepares individuals for ASE A-1 (Engine Repair), A-8 (Engine Performance), and L-1 (Advanced Engine Performance) automobile technician certification exams.

### **Powertrain Specialist Certificate**

This certificate curriculum prepares individuals for employment in the automotive service industry as an engine, automatic trans/transaxle, manual trans/transaxle and driveline repair technician. The curriculum also prepares individuals for ASE A-1 (Engine Repair), A-2 (Automatic Trans/Transaxle), and A-3 (Manual Drive Train and Axles) automobile technician certification exams.

### **Undercar Specialist Certificate**

This certificate curriculum prepares individuals for employment in the automotive service industry as a brake, suspension, steering and alignment technician. The curriculum also prepares individuals for ASE A-4 (Suspension and Steering) and A-5 (Brakes) automobile technician certification exams.