# AUTO REPAIR TECHNICIAN

## PROGRAM OUTLINE

**The Penn Foster Career School Auto Repair Technician Program**

Your independent study program includes 11 Instruction Sets designed to take you step by step through the techniques and skills that will help put you on the path to pursuing a career as an auto repair technician. Your first Instruction Set will be available as soon as your enrollment has been accepted. Other Instruction Sets will follow as you complete your exams.

As you know, the Auto Repair Technician program is an online academic program. This means that you will need high-speed Internet access to begin your program. In addition, you will need access to a Microsoft® Windows® based computer running Windows 7® or later or an Apple® Mac® computer running OS X® or later, and an email account to participate in and complete your program.

## Your program includes:

### Unit 1
▶ Starting Your Program
▶ Introduction to Auto Repair

### Unit 2
▶ Automotive Engines: Lower-End Assembly
▶ Automotive Engines: Upper-End Assembly
▶ Automotive Safety, Tools, and Equipment
▶ Preventative Maintenance and Service Procedures
▶ Scientific Principles and Math

### Unit 3
▶ Engine Repair
**Textbook:** *Automotive Technology 5th Edition* by James D. Halderman

### Unit 4
▶ Electrical and Electronic Systems
**Learning Aid:** Digital Multimeter
**Supplement:** Multimeter Operation Manual

### Unit 5
▶ Heating, Ventilation, and Air Conditioning

### Unit 6
▶ Engine Performance

### Unit 7
▶ Hybrid and Fuel Cell Vehicles

### Unit 8
▶ Brakes

### Unit 9
▶ Suspension and Steering

### Unit 10
▶ Manual Drivetrain and Axles

### Unit 11
▶ Automatic Transmissions and Transaxles

PU004806-1611

## The Penn Foster Career School Grading System

**Your examinations and projects will be graded on the following scale:**

| Lesson Grade | Letter | Rating |
|---|---|---|
| 90-100 | A | Excellent |
| 80-89 | B | Good |
| 70-79 | C | Average |
| 65-69 | D | Passing |
| Below 65 | F | Failing |

**An overall program average of 65%, or above, is required to graduate and earn your Career Diploma.**

*Get Started Today*
**Call 800.228.0799**