

# Energy, Power & Transportation Systems



**Prerequisite:** Automotive Basics

**Course:** 1810CT

**Credits:** 1

**Length:** 18 weeks

**Placement:** 9-12

## Course Description

Student must have successfully completed Automotive Basics before beginning this course. Student will study basic automotive brakes, suspension/steering systems, and maintenance and light repair. Class will consist of a mixture of class work and shop work to introduce the student to the world of an Automotive Technician.

## Student Activities

Student will use shop supplied tools and parts to do brake jobs, suspension repair and replacement, tire and wheel service, wheel balancing, oil changes, plus maintenance and light repair. Students are encouraged to bring in their own vehicles for service and only have to supply their own parts and supplies.

**Student must wear safety glasses, proper clothing and buy an Automotive work shirt for this class.**

### Certification

SP2 Bullying in the Workplace  
SP2 Substance Abuse Awareness  
Student Cost: \$0

### Organizations/After School/Competition



SkillsUSA is a partnership of students, teachers and industry working together to ensure America has a skilled workforce.

### Additional Considerations

Students need fine motor skills and mobility.  
Students handle sharp objects and use dangerous equipment. If seeking certification, curriculum cannot be modified.

**Automotive Club**