

Automotive Technology I: Maintenance & Repair



Prerequisite: Energy, Power & Transportation Systems

Course: 1811CA/1811CB **Credits:** 2 **Length:** 36 weeks **Placement:** 10-12

Course Description

This course is set up to prepare the student for an entry level position in the Automotive Technology field.

The course covers the following areas: Brakes, Suspension and Steering, Engine Repair, Engine Performance, Manual Drive Train and Axles, Automatic Transmission and Transaxles, Air Conditioning and Heat, and Electricity and Electronics.

Student Activities

Students will be working on vehicles in BBCTA shop facility. This shop is set up like an Automotive Dealership. The shop has safety rules that must be followed to include safety glasses. Students at times will be allowed to work on their own vehicles. We also have donation vehicles and trainers that will be used to teach the student how successfully complete automotive repairs.

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

Certifications

SP2 Mechanical Certification Possible
Student Cost: \$0

ASE Auto Maintenance & Light Repair
Certification Possible
Student Cost: \$30

Certification paid for by CTE if student has an 80+ GPA in course and passes a practice test

Additional Considerations

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

Organizations/After School/Competition



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Automotive Club