

# Career & Technical Education (CTE)

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## **AUTOMOTIVE SERVICE 1**

**Grades:** 9-12

**Credits:** 0.5 Arts/CTE/2nd Language

**Prerequisite:** None

**Repeat for Credit:** No

This introductory course will allow students to become familiar with the automotive and light truck industry. Topics will include safety, preventive maintenance, tool identification, basic electrical circuits, and theory of automotive subsystems.

## **AUTOMOTIVE SERVICE 2**

**Grades:** 10-12

**Credits:** 1.0 Arts/CTE/2nd Language

**Prerequisite:** Automotive Service 1

**Repeat for Credit:** No

**Other:** RCC credit may be available

This course emphasizes specific topics in brake and steering, powertrain, suspension repair and tire replacement and balancing. Auto 2 includes fuel systems, automotive engine diagnosis, (OBD II) and repair as well as other automotive systems such as emission systems, computer control systems and electrical systems.

## **AUTOMOTIVE SERVICE 3**

**Grades:** 11-12

**Credits:** 1.0 Arts/CTE/2nd Language

**Prerequisite:** Automotive Service 2

**Repeat for Credit:** No

**Other:** RCC credit may be available

This vocational-preparatory lab is for the advanced student who has demonstrated an ability and desire to learn and do more extensive work in the transportation tech automotive area. The student will learn troubleshooting and diagnostics techniques for electronics, computer controls, an introduction to drivetrain and brake system overhaul.

## **AUTOMOTIVE SERVICE 4**

**Grades:** 11-12

**Credits:** 1.0 Arts/CTE/2nd Language

**Prerequisite:** Automotive Service 3

**Repeat for Credit:** No

**Other:** RCC credit may be available

This advanced class will allow students to hone their automotive skills while allowing opportunities to explore new topics and skills. Course content will include Electric and Hybrid vehicles, problem solving, hydraulic and pneumatic systems, job and interview skills, and career exploration in the automotive/truck industry.

