

VT 4520 – AUTO SERVICE TECHNOLOGY I
VT 4530 – AUTO SERVICE TECHNOLOGY II

Auto Service Technology is a two-year program designed to prepare the student for entry-level into the automotive service field and/or additional post-secondary training. A combination of classroom and lab/shop (hands-on) experience is included for the student to build upon. Areas stressed are shop safety and operation; career opportunities; basic auto electrical system; batteries, starters, and chargers; lighting and accessories; ignition system; fuel emissions; lubrication; cooling; steering and suspension; tire and wheel alignment; disc, drum and anti-skid brakes; and transmission service.

Essential Learning Objectives

- Students will learn/use Technical Mathematics Skills
- Students will learn/use Technical Communication Arts Skills
- Students will learn the procedures of shop and personal safety
- Students will identify basic hand tools and shop equipment
- Students will change and balance tires
- Students will perform general lubrication procedures
- Students will service disc and drum braking systems
- Students will identify major automotive manufacturers, foreign and domestic
- Students will learn to work on the basic automotive systems such as:
 - Shocks/Wheel Bearings/Suspension System
- Students will receive instruction on the proper use of:
 - Jacks/Jack stands/Lifts/Shop power tools

Automotive Technology Competency Profile & Crosswalk:

https://dese.mo.gov/sites/default/files/Auto_Tech-Four_Main_Areas.pdf

https://dese.mo.gov/sites/default/files/Auto_Tech-Four_Main_Areas_Cross.pdf

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