

WASHINGTON COUNTY CAREER AND TECHNICAL EDUCATION CENTER

255 Stanley St. Abingdon, Va. 24210 Ph. (276)739-3100 Fax (276)623-4126 <http://neff.wcs.k12.va.us/>

Auto Service Technology Syllabus



Purpose: Automotive Service Technology is a training program for development of knowledge and skills needed to inspect, diagnose, repair and service automotive vehicles. Experiences in a well-equipped shop and in the classroom will help students understand the design, construction and operation of the automotive unit. Mechanical skills are developed in practical shop work.

Skills USA Virginia: Students enrolled at the William N. Neff Center will be members in Skills USA Virginia, a national professional organization for students enrolled in career and technical education.

Course Map: A Course Map is a breakdown of the topics covered in Automotive Service Technology and the number of hours of classroom instruction and Lab instruction/practice. Each student will have access to a copy of the Course Map.

Pacing Guide: It is essential that the Automotive Service Technology Program stay time on task; therefore, an outline of the topics covered for nine weeks will be accessible to each student in the form of a pacing guide.

Task List: A task is a unit of work that has an identifiable beginning and ending point that consists of one or more measurable steps. An essential element of any curriculum is a valid task list that serves as a solid basis for the course of study. The Task List developed by the National Institute for Automotive Service Excellence (ASE) serves as a basis for the program's task list. The task list will be accessible to all students.

Performance Standard: Student's performance will be measured by written specifications listed in Virginia's instructional Framework for Automotive Service Technology. Students may access this website upon request.

Competency Profile: Hands-on and Written Competencies are the performance of tasks to the level or degree specified in the performance standard and curriculum for the tasks. Each student will have a competency profile to track the progress of each competency attempted. This profile is considered essential statewide and is required of all students.

Live Work: To enhance student learning, live work will be scheduled. Vehicles donated by the manufacturers, customer-owned vehicles (limited), and other training vehicles may be used as the primary source of live work. All live work vehicles in the shop requiring service/repairs will be accompanied by a work order and supporting documentation.

ASE Tests: Students are encouraged to register and take ASE tests. In addition, ASE Student tests will be administered on site. Verified Credit will be earned for passing credential testing, including ASE.

Safety: Safety instruction will be given prior to lab/shop work and will be an integral part of the training program. Safety tests will be included in the training program. Students and instructors should comply with personal and environmental safety practices associated with clothing, eye protection, hand tools, power equipment, proper ventilation and the handling, storage and disposal of chemicals/materials in accordance with local, state and federal safety and environmental regulations.

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Grading: Students will receive a grade report each nine weeks.

Grading system: Each of the following will affect a student's nine weeks grade:

- Daily Grade (lab work, clean-up, class work, attitude, participation, work ethics, etc.) This grade will be based on the instructor's observation of each student.
- Tests will be routinely administered to measure the student's understanding of the material covered and to enhance the probability of passing ASE tests.
- Quizzes will be administered frequently.
- All these grades count equally.

Accessing Grades: Grades are entered by the teacher through PowerTeacher and can be accessed by parents or students through the Internet using the password protected Parent Portal of PowerSchool.

Grading scale: The grading scale will not be based on the Washington County Public Schools grading policy. The following is the Auto Service Technology grading scale.

93 to 100=A
85 to 92 = B
77 to 84 = C
70 to 76 = D
0 to 69 = F