

Auto Technology I

Course Length: 2 Periods - 1 Semester

Credits: 1 Credit

Prerequisite: Basic Auto and Adv. Auto

Course Description: Auto Tech I will teach the skills students will need for an entry level automotive technician. They will develop skills in all areas a service and repair by completing service work on customer vehicles. Professionalism and leadership will be stressed while working with others in class and lab settings. Students will learn and service a variety of automotive systems including steering and suspension, alignment, brakes, engine repair, etc. They will complete estimates and work orders, as well as, trouble shoot automotive systems using up-to-date scan tools. This course will prepare you for a career in the automotive industry.

Auto Technology II

Course Length: 2 Periods - 1 Semester

Credits: 1 Credit

Prerequisite: Basic Auto , Adv. Auto, and Auto Tech I

Course Description: Auto Tech II will build on prior knowledge covered in Auto Tech I. It will teach the skills to succeed as an automotive technician. They will develop skills in all areas a service and repair by completing service work on customer vehicles. Professionalism and leadership will be stressed while working with others in class and lab settings. Students will learn and service a variety of automotive systems including steering and suspension, alignment, electrical, engine repair, etc. They will complete estimates and work orders, as well as, trouble shoot automotive systems using up-to-date scan tools. This course will prepare you for a career in the automotive industry and ASE certification.

D.C. Everest Senior High Course Syllabus

Auto Tech I

Course Name: Auto Tech I

Course Length: 1 Semester, 2 periods

Credits: 1 Credit

Prerequisite: Basic Auto Mechanics and Advanced Auto Mechanics

Course Description: Auto Tech I will teach the skills students will need for an entry level automotive technician. They will develop skills in all areas a service and repair by completing service work on customer vehicles. Professionalism and leadership will be stressed while working with others in class and lab settings. Students will learn and service a variety of automotive systems including steering and suspension, alignment, brakes, engine repair, etc. They will complete estimates and work orders, as well as, trouble shoot automotive systems using up-to-date scan tools. This course will prepare you for a career in the automotive industry.

Learning Targets:

Students will be will able to:

1. Apply shop and equipment safety rules including hazardous materials.
2. Evaluate the condition of the automotive steering and suspension systems and repair as needed.
3. Evaluate the condition of the automotive cooling/heating system and repair as needed.
4. Shop and equipment maintenance and repair
5. Evaluate the automotive emissions and powertrain management systems and repair as needed.
6. Evaluate the automotive AC systems based upon industry identified standards and repair as needed.
7. Overhaul an automotive engine.
8. Remove and replace an automotive engine from a vehicle.
9. Evaluate an automatic transmission/transaxle.
10. Demonstrate the ability to interact with others in a professional, courteous and tactful manner.

Text/Other Required Materials/Resources

ALL students will be required to provide safety glasses (Z-87 approved) with **clear** lens and side shields. A three ring binder is required to file all class work as a working study guide. Students also are recommended to bring old clothes for lab work. (Old blue jeans, sweat pants, tennis shoes, and or cover-alls) Students will be required to reimburse the department for tools that are missing or damaged through abuse. Students and parents/guardians will be required to read, sign, and return a signed parental form.

Instructional Procedures & Support

Auto Tech I students can learn in a variety of settings. Lecture, demonstration, cooperative learning, chapter review questions, worksheets, and hands on lab work all are some of the methods of instruction. All advanced automotive students are expected to come to class everyday and on time. ALL assignments are to be turned in completed on time. ALL make-up will follow student handbook. Make-up work is the student's responsibility. Late work will be accepted, but will lose a minimum of 10% each day being late. Students are expected to come on time and prepared for class with the appropriate class materials. Students will respect the rights of each individual, no ridicule, name calling, etc will be allowed. The District harassment policy will be enforced.

Assessment Plan

Grades will be earned based upon: daily performance, activity sheets, lab sheets, written quizzes, tests, and notebook.

Grading Scale

90 – 100	A
80 – 89	B
70 – 79	C
60 – 69	D
0 – 59	F

Student Name:_____

Date:_____

Student Signature:_____

Date:_____

Guardian Name:_____

Date:_____

Guardian Signature:_____

Date:_____