

Consumer Car Care

Course Length: 1 Semester

Credits: ½ Credit

Prerequisite: None

Course Description: This is the class every car owner should have. This is a classroom based course that will teach car owners the basic parts and operation of their automobile. Learning experiences will involve loans, insurance, used car appraisals, jump starting, flat tire change, and battery replacement. The class will cover general knowledge of automobiles that everyone should know. Students that will or have taken any other automotive course are discouraged from taking this course.

Basic Auto Mechanics

Course Length: 1 Semester

Credits: ½ Credit

Prerequisite: None

Course Description: This is an introductory course dealing with the importance, construction, and operating principles of the modern automobile. It will provide the students the knowledge and skills necessary to service their vehicles with a basic set of tools in their own garage. Operating systems such as basic engine construction and operation, brakes, and electrical will be covered in both textbook (theory) and shop (practical) instruction.

Advanced Auto Mechanics

Course Length: 1 Semester

Credits: ½ Credit (2 dual credits awarded from NTC upon successful completion)

Prerequisite: Basic Auto Mechanics

Course Description: A continuation of basic auto mechanics, this course deals with service procedures and repair techniques students would use in today's automotive service shops. It will provide lab experiences in a wide variety of vehicle services. The use of modern diagnosis protocols dealing with computerized controls will also be covered. Occupational outlook and preparation are stressed. This class will have 2 transcribed credits offered for NTC.

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

Consumer Car Care

Course Name: Consumer Car Care

Course Length: 1 Semester

Credits: ½ Credit

Prerequisite: None

Course Description: This is the class every car owner should have. This is a classroom based course that will teach car owners the basic parts and operation of their automobile. Learning will involve loans, insurance, used car appraisals, jump starting, flat tire change, and battery replacement. The class will cover general knowledge of automobiles that everyone should know.

Learning Targets:

Students will be able to:

1. Apply safety techniques in the performance of a task.
2. Identify and demonstrate proper use of tools
3. Evaluate and discuss used car value and purchasing process, including insurance.
4. Identify vehicle identification (VIN) and pertinent information panels.
5. Demonstrate overall car detailing.
6. Identify the six fluids under the hood.
7. Evaluate and service both lighting and fuse systems.
8. Test and inspect an automotive battery and charging system.
9. Identify pertinent information on tires.
10. Service engine lubrication systems per manufacturer's specifications.

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 the signed portion of the syllabi.

Instructional Procedures & Support

Consumer Car Care 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 students are expected to come to class every day 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 binder.

What will I learn to do?

1. Identify basic tools in an auto shop.
2. Evaluate Vehicle Condition and Value
3. Understand and find VIN and vehicle labels.
4. Wash, wax and detail a vehicle.
5. Identify, check six under hood fluids and understand service intervals.
6. Identify and interpret dash lights.
7. Identify and service vehicle lighting and fuse system.
8. Test and install automotive battery.
9. Understand and Identify tires and labeling.
10. Perform an oil change.

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: _____