

SYLLABUS

Introduction to Automotive Technology
1 block / 1 semester

INSTRUCTIONAL GOALS

In this class students will gain an understanding of how all of the components function, they will also participate in hands on tasks to help them maintain vehicles. At the end of this course will

- Know the basic parts of a vehicle
- Be able to perform basic maintenance tasks on a vehicle
- Have an understanding of how the automotive repair industry operates.

NEEDS AND RESOURCES

Required Background

To successfully complete this course, you must

- Have good attendance
- Come to class ready to work
- Be prepared to get a little dirty

Required Materials

To successfully complete this course, you will need

- Work boots or heavy duty shoes
- Clothing that can get dirty

COURSE SCHEDULE

In this class we will cover personal and environmental safety, hand tool usage and safety, shop equipment and air tool usage and safety, tire and wheel construction, function and service, disc and drum brake operation and disc brake service, steering and suspension components, operation and testing, drive train components operation and service, electrical systems operation and testing.

POLICIES AND PROCEDURES

General Rules:

We will follow all school policies as well as strict safety policies involving vehicle service

Grading Policies:

The majority of the grade will be based on a student's ability to work 30 % of the grade will be based on computer lab performance 30% will be from hands the hands-on lab tasks, 25% of the grade is from chapter quizzes and tests. The final 15% is the final exam.

CONTACT INFORMATION

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