

AUTOMOTIVE MECHANICS SYLLABUS

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Course Description:

This course trains students to perform a variety of automotive services. These include engine tune-up, the electrical system, fuel system, brakes, vehicle maintenance, alignment and tire service, engine rebuilding, heating and air conditioning, emissions system, exhaust and drive train service. First level will concentrate on safety, shop awareness and orientation. Second and third level students will focus on a more in depth study of the areas listed above.

Course Objective:

Students in this course will be taught entry level skills needed to be successful in the automotive repair business as well as skills needed to be successful in some post secondary educational programs. A priority to place students in the work place the second half of their third level is also an option for some students.

Course Requirements:

Students will follow a curriculum based on the guidelines of 'the national automotive technicians education foundation' (natef). This curriculum is presented in a task list format which the student will adhere to as required by natef.

Criteria for Assessing Student Performance:

Students will be graded on shop based projects, homework, as well as quiz and test grades, again based on natef recommendations.

Textbooks, Related Readings:

The current text in use is "automotive service, inspection, maintenance and repair" with an accompanying lab manual of the same name. Also various articles and related magazines are included during the course of study.