

TRANSPORTATION



INTRO TO AUTOMOTIVE TECHNOLOGY (Grade 10) (1 Credit)

This program is designed to provide the student with those skills necessary to explore various automotive careers and the day-to-day automotive maintenance. The course deals with a variety of skills; shop/tool safety, proper tool usage, vehicle maintenance and employability skills training.

AUTOMOTIVE TECHNOLOGY I (2 Credits)

The Automotive Technology I program is designed to provide the student with those skills necessary to attain state certification in auto mechanics for engines and auto electrical. The course deals with a variety of skills; shop/tool safety, precision measurement, electrical diagnostics, logical problem solving, diagnosis and repair of components. The students will also have the opportunity to rebuild their own automobile engine. Additionally, students will receive employability skills training while enrolled in this program. Students who successfully complete the Automotive Technology I program will have the skills necessary for entry-level positions in the automotive repair industry and the Automotive Technology II program.

Prerequisite: None

AUTOMOTIVE TECHNOLOGY II (2 Credits)

The Automotive Technology II program is designed to provide the student more in-depth instruction in brake system repair, tire balancing, power-train repair, steering/suspension service, wheel alignment, emission controls and engine tune-up. Students will receive in-depth instruction in the skills necessary to attain state certification in the following automotive areas: Brakes, Electrical Systems, Engine Repair, and Steering/Suspension. Each unit deals with a variety of skills: shop and tool safety, precision measurement, logical problem solving, diagnosis and repair of components, and employability skills. Successful completion of this program will provide the student with skills necessary for entry-level positions in the automotive industry, and assist in their future education. The automotive technology instructor is ASE certified and the program is NATEF (National Automotive Teacher Education Foundation) certified. Additionally, the students may receive NATEF & ASE certification as well as college credit by successfully passing the ASE & NATEF certification tests.

Prerequisite: Automotive Technology I

