



AUTOMOTIVE

Automotive

The Automotive Program prepares students for exciting careers in the automotive industry. Students gain hands-on experience while developing basic technical skills to diagnose, repair, and maintain a vehicle by acquiring professional skills that are in high demand.

Location: Eastside High School

Courses

Automotive I (Grade 10)

This course will introduce students to the operational and scientific nature of the automotive component systems including fuel, intake, exhaust, ignition, lubrication, braking, cooling, and suspension systems. Practical application of safe work habits and the correct use of tools and precision test instruments will be throughout the course.

Automotive II (Grade 11)

This course will introduce students to the operational and automotive component systems focusing on the power-plant and transmission. Specifically but not restricted to fuel, intake, exhaust, ignition and automatic and manual transmission systems. Practical application of safe work habits and the correct use of tools with electronics, wheel and brake repair.

Automotive III (Grade 12)

This course will introduce students to the operational and automotive component systems focusing on the power-plant and transmission. Specifically but not restricted to fuel, intake, exhaust, ignition and automatic and manual transmission systems. Practical

application of safe work habits and the correct use of tools with engine repair, heating and cooling.

Skills Gained

- **Technical Skills**
 - Knowledge of tools and equipment
 - Diagnose and repair basic automotive component systems
 - Maintenance of a vehicle
- **Professional Skills**
 - Customer Service & Communication
 - Understanding manufacturer specifications and repair procedures
 - Following safety standards (OSHA and automotive safety guidelines)

Certification

OSHA - 10

Careers

Automotive technician, Service writer, Parts associate, Diesel technician, Heavy equipment operator, State-licensed Vehicle inspector, Diagnostic technician, Collision repair and refinishing technician