Automotive Technology

Garden Valley Collegiate, Winkler

This program involves the maintenance and service of automobiles. Students learn about the service, maintenance and repair of mechanical systems through classroom instruction and practical experience in the shop. Students learn to diagnose problems with motor vehicles and other equipment and perform the required service and repairs.

The student learns the proper use of trade related tools and equipment is emphasized. Other related topics such as safety, mathematics, science and trade technology are also covered. Students also participate in an integral work placement component which allows them the opportunity to work with skilled technicians in a workplace setting, often results in local employment opportunities and improved future employment opportunities after graduation.

Many students have found employment with automobile and truck dealerships as well as companies servicing agricultural and construction equipment. A variety of mechanical, manufacturing and engineering occupations also fall into this category.

Employment opportunities may include:

Automotive Technician
Transmission Technician
Service Writer/Advisor
Automotive Instructor
Air Craft Technician
Fleet Services Technician
Machinery Set-Up Person
Industrial Mill Wright
Highway Tractor Operator
Parts Clerk/Sales

Students enrolled in the Automotive Technology program will improve their chances of obtaining employment as an apprentice in the motor vehicle mechanics field.

Apprenticeship Manitoba

The Automotive Technology program is accredited with Apprenticeship Manitoba. To qualify for accreditation, a student must achieve an overall average of 70% or higher across all eight credits, they will receive recognition for level one technical (in-class) training in the Automotive Service Technician trade. A student must then become a registered apprentice with an employer and complete the remaining required practical hours.
Practical (on-the-job) training hours can be acquired through the High School Apprenticeship Program (HSAP) – a high school work practicum recognized by Apprenticeship Manitoba. These hours can be earned during evenings, weekends, or school breaks.

Automotive Technology Courses include:

Section A
8696 Automotive Systems & Service 20S
8697 Engine Fundamentals & Service 30S
8698 Chassis Fundamentals & Service 30S
8699 Drivetrain Fundamentals & Service 30S

Section B
8700 Automotive Electrical Systems 40S
8701 Vehicle Systems Part 1 40S
8702 Vehicle Systems Part 2 40S
8703 Applied Diagnostic Strategies 40S