

**What is the process for application?**

- Completion of Grade 10
- Grade 10 students must provide a course of study so that upon completion of high school they have their grade twelve graduation and the pre-requisites required to continue in the Automotive apprenticeship program.

The application to the program must include:

- Most recent school transcript of grades
- Resume
- Cover letter indicating motivation and interest in the program
- Application fee \$75.00
- District Application Form

**Send your completed application to:**

Ron Lancaster, Partnership Program Coordinator  
 Samuel Robertson Technical Secondary School  
 10445 - 245 Street  
 Maple Ridge, BC V2W 2G4  
 Tel: 604-466-8409  
 Fax: 604-466-8604  
 email ron@sd42.ca

Or  
 Career/Counseling Department/CPA  
 Garibaldi Secondary School

**Selection priority will be:**

- Garibaldi Secondary School students who meet qualifications
- Other School District 42 students who meet qualifications
- Out-of-district secondary school students who meet qualifications

**Deadline: March 30\***

*\*Applications may be accepted after this date, space permitting, however priority will be given to students who have applied on or before the deadline*

See the School District 42 website:  
<http://www.sd42.ca/district-partnership-programs>



School District No. 42 Maple Ridge - Pitt Meadows  
 22225 Brown Avenue, Maple Ridge V2X 8N6  
 Phone: 604.463.4200 Fax: 604.463.4181



**Automotive  
 Technician  
 Foundation**  
 Apprenticeship Program  
 Trades Training For  
 Secondary School Students

*A joint initiative of  
 the British Columbia Institute of  
 Technology and School District No. 42  
 (Maple Ridge – Pitt Meadows)  
 and Garibaldi Secondary School  
 and ITA (ACE-IT)*

# Automotive Technician Foundation Apprenticeship Program Trades Training For Secondary School Students\*

This partnership between BCIT and School District No.42 provides a unique opportunity for secondary students to complete Grade 12 graduation requirements and certification in the Automotive field. Additionally, students will acquire job-ready skills to enter the job market or pursue other post secondary education.

*\* Adult students and graduating students may be eligible for the program.*

Automotive mechanics repair and test motor vehicles. They disassemble, inspect and assemble engines and accessories, cooling systems, transmissions and clutches, drive lines, braking and suspension systems. Automotive Mechanics employ logic and deductive reasoning in diagnosing and troubleshooting vehicle mechanical and electrical/electronic systems.

## ***The Program***

The program provides the basic knowledge and practical skills to meet the needs of both students and employers for entry into the automotive industry. Graduates may pursue a career as a general repair technician or choose to specialize in one of the many specializations that have emerged. The program has 900 hours of instruction

The program will be offered on day ones over a 2 year period with students receiving 16 credits each year. Students attend the program on Mondays, Wednesdays and alternating Fridays. On day 2's students take the necessary courses to complete their high school graduation

## ***Program Content***

The program consists of the following course content:

- Workplace Safety
- Employability Skills
- Tools and Equipment
- Electrical/Electronic Systems
- Wheels, Hubs, and Tires
- Welding
- Brake Systems
- Suspension Systems
- Steering Systems
- Principles of Internal Combustion Engines
- General Automotive Maintenance

## ***Grading***

The minimum grade for individual courses is 65 percent. An overall GPA of 70 percent or better is required. All courses must be passed in order to successfully complete the program.

## ***Credit***

Students who successfully complete program will have completed 8 courses for 32 credits on the secondary school graduation transcript, plus level one apprenticeship credits.

## ***Where can the program lead?***

- To a career as a General Repair Technician or preparation for one of the many specializations that have emerged.
- To application to ITA for apprenticeship
- To other BCIT programs

## ***What are the courses of study requirements for entry to the program?***

### **Completion of pre-requisites:**

- MA 10 – with a C
- ENG 10
- Science 10
- SS 10
- P.E. 10

## ***Students must have:***

- Successfully completed Grade 10
- driver's license – recommended
- Good physical condition
- High degree of commitment and maturity

Students are responsible for the purchase of books and supplies. (approx. \$600.00)

Application Fee: \$75

Tuition: n/a

## ***How does this program benefit students?***

- Receive apprenticeship courses towards a secondary school graduation
- Complete the Level I Apprenticeship training with no tuition fees (a savings of over \$3,000)

## ***What are the job opportunities?***

Changes in automobiles of today are providing many new opportunities for individuals looking for a challenging career in this service industry. Employers are searching for young men and women with mechanical aptitude who are well motivated and willing to work and learn. Employment is found with local service stations, dealerships and chains of specialty repair shops as well as parts person and service writer careers. A typical career path involves starting as a trainee until an apprenticeship becomes available.