

**Program costs**

Students are responsible for the following program costs:

Books and supplies:	\$650*
Non refundable application fee:	\$75

*\*Estimated cost only - subject to change*

<http://www.sd42.ca/district-partnership-programs>

**How does this program benefit students?**

Students can receive credit for post-secondary courses towards a secondary school graduation, and complete level one technical apprenticeship training with no 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. Although employment opportunities are mixed at this point, a reasonably good percentage of graduates are still expected to be successful getting into the trades.

**A student's application must include the following:**

- Most recent school transcript of grades (in term transcript acceptable for secondary students applying)\*
- Resume
- BCIT application form
- Cover letter indicating motivation and interest in program
- School District No. 42 application form
- Cheque payable to School District 42 in the amount of \$75.00 (non-refundable)
- Photocopy of Birth Certificate - new students to the district.

*\*Students must have completed Grade 11 by the end of the academic year. Grade 11 students must be enrolled in a course of study that will lead to Grade 12 graduation upon completion of high school.*

Please ask the work experience coordinator at your school or your school counselor for any assistance that you may need in completing your application package.

**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](mailto:ron@sd42.ca)

**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: [www.sd42.ca/district-partnership-programs](http://www.sd42.ca/district-partnership-programs)

**Selection priority will be:**

- School District No. 42 High School students who meet qualifications
- Out-of-district High School students
- Adult grads and Adult non-grads



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



## Automotive Service Technician Foundations Apprenticeship 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 Westview  
Secondary School*

# Automotive Service Foundations Level One Apprenticeship Training

This partnership between BCIT and School District No. 42 provides a unique opportunity for secondary school students to complete Grade 12 graduation requirements while earning post-secondary credits and certification in BCIT's Automotive Service Foundations Program. Additionally, students will acquire skills to enter the job market or pursue other post-secondary education.

*\*Adult students (students who will graduate in June of this academic year or have already graduated) are welcome to apply. In addition, adult non-grads are also welcome to apply provided that they meet the requirements (see program entry requirements below).*

## What is the Automotive Service Foundations Level One Program

The program consists of technical training and hands on experience preparing you for employment in the automotive industry. Automotive technicians 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 technicians employ logic and deductive reasoning in diagnosing and troubleshooting mechanical as well as electrical/electronic vehicle systems.

## Industry training authority

BCIT transfers to the Industry Training Authority (ITA) the student's name, contact information, Personal Education Number (PEN), and the name and date of the completed ITA Foundation program. This information is used for the purposes of tracking successful completions in order to grant credit towards apprenticeship where applicable, and communicating with trainees to promote continuation in an apprenticeship program.

## Program Content

The Auto Foundations level one standard program consists of the following course content:

- AUTO 1500 Workplace Safety
- AUTO 1501 Employability Skills
- AUTO 1502 Tools and Equipment
- AUTO 1503 Electrical/Electronic Systems
- AUTO 1504 Wheels, Hubs, and Tires
- AUTO 1505 Welding
- AUTO 1506 Brake Systems
- AUTO 1507 Suspension Systems
- AUTO 1508 Steering Systems
- AUTO 1509 Principles of Internal Combustion Engines
- AUTO 1510 General Automotive Maintenance

## Grading

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

## Dual Credit

Students who successfully complete AST -level one will have completed 6 courses for 24 credits on the secondary school graduation transcript. They will also receive the BCIT certificate.

## The program

This 30 week entry-level program provides you with the basic knowledge and practical skills needed for entry into the automotive industry. As a graduate, you may pursue a career as a general repair technician or choose to specialize in one of the varied career paths that have emerged within the industry. You will also receive credit for your first level of apprentice technical training from the Industry Training Authority (ITA) and 450 hours credit towards your time in trade. Upon successful completion of this program, you will be scheduled to write the Provincial Level 1 apprenticeship exam.

## Program Entry Requirements

- A MATH 11\*
- ENG OR COM 11\*
- Grade 12 ENG OR COM can be taken concurrently
- A valid BC Class 7N or Class 5 driver's licence is a standard program requirement

*\*May take the BCIT Pre-Entry Math and Reading Assessment in lieu of Math or English*

## Students must have

- Successfully completed Grade 11
- Good physical condition
- High degree of commitment

## Salaries

The median salary for our graduates is in the range of \$2,000 per month. Graduates who go on to complete their apprenticeship training may earn approximately \$50,000 per year. Graduates can aspire to top industry positions with salaries in the \$60,000- plus range per year.

