

Application process

- 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
- If you are age 19 or over (or will be age 19 by July 1) you will require a Criminal Record Check which must be attached to your application. The cost is \$20 and you get this done at the Maple Ridge Police Station. (This process may take a few days)

**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.

Program costs

Students are responsible for the following program costs:

Books and supplies:	\$900*
Non refundable application fee:	\$75

**estimated cost only - subject to change*

Adult students may or may not be required to pay tuition. See website for details:

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

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

Deadline: March 15*

**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>

Selection priority will be:

- School District No. 42 Secondary School students who meet qualifications
- Out-of-district secondary 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



2010-2011



Electrician – Level I Certificate Program for Secondary School Students

*A joint initiative of
School District No. 42
(Maple Ridge - Pitt Meadows) and
the British Columbia Institute of
Technology.*

Electrician – Level I

Certificate Program for Secondary School Students

This partnership between School District No. 42 and British Columbia Institute of Technology provides a unique opportunity for secondary students* to complete Grade 12 graduation requirements while earning post secondary credits and certification in the electrical field. Additionally, students will acquire skills enabling them to directly enter the job market.

**Adult students and graduating students may be eligible*

The program

This is a 24-week program running from September to February at Garibaldi Secondary School. The program provides graduates with the theory and practical skills necessary to enter the electrical trade. The electrical worker plans, assembles, installs, tests, repairs and maintains electrical equipment and systems in commercial, industrial and marine facilities.

The program emphasizes a hands-on approach to training. Experience gained in the workshop is focused on industry practice. The necessary theoretical component is integrated into the program to complement and enhance the practical work. Students are exposed to a variety of work environments through industry tours.

Graduates may qualify for advanced standing as indentured candidates within the apprenticeship system.

Program content

The standard program consists of the following course content:

Course	
Applied mechanics	4 credits
Fundamentals of electricity	8 credits
Principles of magnetism	4 credits
Wiring methods	12 credits
Electrical codes, plans and specs	8 credits
AC circuit analysis	2 credits
Electronic devices	2 credits
Basic motor control	4 credits
Computer skills and job preparation	4 credits

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.

Dual credit

Students who successfully complete this program will have six complete courses (24 credits) on their secondary school graduation transcript.

Opportunities

An estimated 700,000 jobs will open in trades and technology over the next 10 years, reflecting the vital role skilled professionals play in society.

Program Entry Requirements

- MA 11 (Principles or Applications) *
- ENG 11 (Grade 12 ENG can be taken concurrently)*
- Science 11
- SS 11
- Physics 11 is highly recommended

**May take the BCIT Pre-Entry Math and Reading Assessment in lieu of Math 11 or English 11*

In addition, students must be in good physical condition, demonstrate a high degree of commitment, and provide their own personal safety equipment: steel toe boots, hardhat, safety glasses, etc.

Recommended characteristics

Students entering the Electrician partnership program will have the greatest chance of success if they have the following characteristics:

- Ability to communicate effectively in oral and written English
- Physical and mental abilities required to perform the daily tasks associated with working in construction
- Regular lifting and transportation of heavy objects
- Willing to work outdoors in all weather
- Ability to multi-task
- Motor skills and physical capability necessary for efficient and safe use of trade related tools and equipment