

How does this program benefit students?

- Receive credit for post-secondary courses and towards a secondary school graduation.
- Complete level 1 of the Metal Fabrication Foundations apprenticeship training program.
- Add hands on experience to your resume
- Possible participation in a co-op work placement

Job Opportunities

Training in this program prepares students for entry-level employment as metal fabricators. Upon successful completion of the program, students may seek employment and/or apprenticeship opportunities.

What is the process for application?

- Completion of Grade 11
- Mature grade 10 students with special permission may apply
- Grade 11 students must provide a course of study so that upon completion of high school they have their grade twelve graduation

Application to the program must include:

- Most recent school transcript of grades
- Resume
- BCIT application form
- Cover letter indicating motivation and interest in the program
- Cheque payable to School District 42 in the amount of \$75.00 (non-refundable)

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 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 web site:

<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 non-grads and Adult grads



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



Metal Fabricator Trades Training Certificate Program APPRENTICESHIP FOUNDATIONS

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



Metal Fabricator

Trades Training Certificate Program

This partnership between British Columbia Institute of Technology (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 the Metal Fabricator field tuition free. Additionally, students will acquire skills to enter the job market or pursue other post-secondary education.

** Qualified Adult students who have not graduated and graduated students (under 19 as of July 1) may be eligible for the program.*

Metal fabricators deal with the selection, layout, shearing, cutting (with a torch), punching, drilling, forming, fitting and welding of metal plates and structural metal shapes into products for the forest, mining, construction, transportation and agricultural industries.

Typical projects that involve metal fabricators include bridges, buildings, hoppers, conveyors, towers, cranes, heavy-mining equipment, logging equipment, ship parts and equipment.

The program

Basic theory and related information along with hands-on shop practice enable students to become competent in basic metal fabrication methods for products such as metal buildings, tanks and equipment. Good hand/eye coordination and good physical condition are desirable to successfully complete this program.

Program Content

The standard 10-month (September through June) program consists of a work experience practicum and the following course content:

Course
Apply Safe Work Practice
Mathematics
Sketch and Read Drawings
Metal Fabrication Power Equipment
Measurement Layout Hand & Power Tools
Patterns/Templates-Shop Applications
Use Oxyacetylene
Arc Welding
Blueprint Reading
Plate Development
Material Handling
Cleaning & Painting
Fabricate & Metallurgy theory

A portion of the program includes instruction at BCIT's trades campus in Burnaby.

Grading

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 the program will have completed 7 courses for 28 credits on their secondary school graduation transcript. They will also receive a BCIT associate certificate in trades training.

Where can the program lead?

- To a career as a metal fabricator
- Preparation for one of many other related careers
- Apprenticeship training
- Other BCIT programs

What are the requirements for entry into the program?

- Math 11
- English 11 or Communications 11
- Science 11
- SS 11

Students must have:

- Successful completion of Grade 11 (Consideration may be given to mature students who have completed grade 10)
- Good physical condition
- High degree of commitment

What are the costs?

Students are responsible for the following program costs:

Books and supplies: \$500*

**general estimated cost - subject to change*

Application fee: \$75.00

See web site for details:

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