



ACE IT

A Post Secondary Program for
Secondary School Students

Metal Fabricator (Fitter)

Do you enjoy working with your hands? If so, we have the perfect program for you!

What is it?

The ACE IT Metal Fabrication program is here to help you follow your passion, and change it into a career. The new skills and experience acquired, combined with your mathematical aptitude will give you a boost into the work of a Metal Fabricator.

Upon successful completion, you will receive credit for Level 1 of the Metal Fabrication program. Metal Fabricator is a nationally designated trade under the Interprovincial Red Seal program.

This five month program is offered Monday to Friday at BCIT from February to June.

What you need

You must intend to complete all secondary school graduation requirements and also have:

- Math 11
- Metal work courses
- "L" drivers license

The task at hand

- learn safe work practices
- hands-on shop practice to include; building, assembling and repairing products made of steel or other metals.
- become familiar with the properties of metal and learn to operate special metalworking machines

Employment opportunities

Metal Fabricators "Fitters" work in the **manufacturing** and **construction** industries, fabricating metal components for a variety of uses. They also erect the metal components used to construct buildings, bridges and towers. The third major employment sector for workers in this trade is in **transportation**, primarily in the construction and repair of ships.

"Opportunity is missed by most people because it comes dressed in overalls and looks like work!"

**THOMAS
EDISON**

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In partnership



Vancouver School Board and



BRITISH COLUMBIA
INSTITUTE OF TECHNOLOGY



ACE IT

Metal Fabricator (Fitter)

What we've got for you!

Our program is designed especially for young minds like yours and offers skill development appropriate to today's Metal Fabrication. You'll take courses such as:

- Introduction to the Trade
- Trade Mathematics
- Burning and Welding
- Blueprint Reading
- Material Handling
- Metal Fabrication Power Equipment
- Structural Layout
- Plate Development
- Surface Preparation and Finishing
- Structuring and Plate Fabrication

WHO TO CONTACT

Carole MacFarlane
Career Programs Coordinator
(604) 713-5051

Wendy Gilmour
Apprenticeship Facilitator
(604) 713-4470

Check out these websites!

www.itabc.ca

www.vsb.bc.ca

go to: → Programs
→ Secondary Students
→ ACE IT Programs

How to make it happen!

When you have successfully completed this program here's what you will gain:

- Level 1 of the Metal Fabrication Program which will save you approximately \$2100 in tuition.
- 16 credits towards graduation..
- Additional 16 credits if enrolled in Secondary School Apprenticeship either during or at the completion of the ACE IT program.

After you have achieved all this you will be able to start your apprenticeship with a trades qualified Metal Fabricator.

Do you have what it takes?

If you have the following assets, then you're already half way there!

- fluent in English (oral and written)
- good general health, physical strength and stamina
- mathematical aptitude and interest
- good manual dexterity and hand-eye coordination



Assembling your future!

There are several steps for you to complete:

- Meet with your counsellor and parent(s) to discuss and plan the program.
- Hand in your application package to your counsellor or the Career Centre.

The District Career Programs staff at the VSB will review the application and get back to you for an interview that could allow you to get ready to embark on your first career!