

Want to be a **MACHINIST** ?

WHAT DOES A MACHINIST DO?

Machinist means a person who sets up and operates all machine tools such as Lathes, Milling Machines, Saws, Grinding Machines, Drilling and Boring Machines, Shapers, Planers, Precision Measuring Tools, Hand and Power Tools, and the related attachments and accessories, including C.N.C. machining, selection, use and maintenance of cutting tools.



it's
my
life!

ABOUT THE PROGRAM:

This industrial training program is delivered by a variety of public and private training providers throughout the province. The program is typically 4 years in duration with approximately 6 weeks of technical training per year in the first two years and 7 weeks per year in the last two years totalling (26 weeks) and 6600 hours of work experience.

CAREER OUTLOOK:

The skills and training developed through the Machinist program are highly transferable amongst resource industries. Certified Machinists are sought after by employers in the Mining, Oil and Gas, Solid Wood, Shipbuilding and Repair, Pulp and Paper and Utilities industries.

PROGRAM PREREQUISITES:

Recommended Education: Grade 10 or equivalent including English 10, Mathematics 10 and Science 10. Grade 12 is preferred.

PROGRAM DURATION & STRUCTURE:

The program will be delivered in a variety of formats combining in-school and work based training, all designed to meet the competency standards and profile defined by the industry and approved by the ITA. Each level generally takes 1 year to complete, totalling 4 years to complete the program.

The in-school technical training requirement is typically met through block release training delivered by an ITA approved training provider. It can also be met through approved alternative training models (eg. distance education, part-time) and/or a level challenge exam where these options are available.

Theory Competency Standards are:

- Typically achieved in post secondary settings
- Assessed in the post secondary (classroom) setting

Workplace Competency Standards are:

- Typically achieved on the job
- Assessed on the job by workplace assessors/journeypersons
- Journeypersons are certified by Industry Training Authority

PROGRAM COMPLETION REQUIRES :

Work Based: Completion of 6600 hours

In-School: Completion of 26 weeks (780 hrs)

Recommendation for Certification signed by the Sponsor and a certified Machinist or equivalent.

CREDENTIAL ISSUED:

- ITA Certificate of Qualification - Machinist
- Inter-Provincial Red Seal Endorsement - Machinist

(Persons completing a formal apprenticeship also receive a Certificate of Apprenticeship)



SIGN UP FOR A COURSE:

The institution based component of the program is delivered by post secondary institutions. See www.tradestrainingbc.ca for a list of schools, private training institutions and secondary schools that have been approved by ITA.

HOW TO REGISTER AS AN APPRENTICE:

You can register as an apprentice through the ITA. You will find the forms on the ITA website at www.itabc.ca under forms: Apprentices & Trainees.

PROGRAM CHALLENGE REQUIREMENTS/PRIOR LEARNING ASSESSMENT:

For more information, go to www.rtobc.com under Apprenticeship and Training Programs/ Program Listings/Machinst. Or email us: info@rtobc.com



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