

# WELDER APPRENTICESHIP

2022/2023



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# WELDER APPRENTICESHIP

Apprenticeship is a method of gaining the expertise needed to become a skilled tradesperson. This is done through a combination of on-the-job and classroom training – earn while you learn.

Welders join or sever metals in beams, girders, vessels, piping and other metal components. They also make metal parts used in construction and manufacturing plants and weld parts, tools, equipment and machines. Welding usually involves applying heat to metal pieces to melt and fuse them together, and in some cases filler products are used to achieve this. There are various types of welding such as Electric Arc, Gas, and Resistance Welding. Welders are high in demand in various sectors such as Oil & Gas, Commercial, Industrial and Fabrication shops.

## MOST WELDING TASKS INVOLVE:

- ▶ Developing patterns
- ▶ Studying drawings and blueprints
- ▶ Ensuring the strength and stability of a welded part
- ▶ Working with various types of metals
- ▶ Fabricating and installing products
- ▶ Using testing equipment to check for leaks

## ADMISSION REQUIREMENTS

- ▶ At least 16 years old
- ▶ Meet the educational requirements for the trade:
  - English 10-2 or equivalent
  - Math 10-3 or equivalent
  - Or, a passing mark in all 5 GED Tests.

Mature students may also be admitted with a successful entrance exam. Students should be aware that some employers may require a high school diploma as a prerequisite for employment.

## PROGRAM LENGTH

The Welder Apprenticeship consists of three 8-week classroom periods and three training periods on the job for a minimum of 1560 hours with your employer. Both can often be completed in three years.

## APPRENTICESHIP GRANTS

You could be eligible for up to \$4000!

Learn more at [nwpolytech.ca](http://nwpolytech.ca), or email:

[financialaid@nwpolytech.ca](mailto:financialaid@nwpolytech.ca)

## THE PROCESS

Once hired you will enter into a contract with your employer. This contract is then registered with the Apprenticeship and Industry Training (AIT) branch of Alberta Advanced Education and Technology. AIT will issue an identification card, a course outline booklet, and an apprenticeship record book.

You will receive an information package from AIT including a list of all the training opportunities available for your chosen trade for the academic year (July 1 to June 30), AIT's Apprenticeship Class Calendar, and enrollment instructions outlining application and admission procedures for the college you must then contact our offices to apply for an intake. Full tuition fees are due and payable at the time of application.

## GRADUATION

When all training has been completed, provincial examinations are set by industry and the Government of Alberta. Upon completion of the program, you will be certified by the province as a qualified tradesperson or journeyman. You may also write your Interprovincial Exam to receive Journeyman Red Seal Status.

## TO APPLY OR REGISTER

Apply to be a registered apprentice with Apprenticeship & Industry Training (AIT). Register with the college for the course; the application and tuition fees must be paid prior to your application being processed.

CONTACT STUDENT SERVICES:

TF 1-888-882-2250 F 780-835-6788

E [studentinfo@nwpolytech.ca](mailto:studentinfo@nwpolytech.ca) [nwpolytech.ca/apply](http://nwpolytech.ca/apply)

FOR FURTHER INFORMATION:

T 780-539-2066 F 780-835-6788

[experience@nwpolytech.ca](mailto:experience@nwpolytech.ca)