

WELDING, PRE-EMPLOYMENT CERTIFICATE

2022/2023



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WELDING, PRE-EMPLOYMENT CERTIFICATE

The Pre-Employment Welding program follows the First Period Welder curriculum outlined by Alberta Apprenticeship and Industry Training (AIT). In this 12-week Certificate program you will receive training in gas metal arc welding (GMAW), flux cored arc welding (FCAW), and more! You will study basic joints, types of welds, and weld faults. The program provides hands-on experience for safe work practices in shops, use of hand and power tools, equipment set up, math for trades, maintenance, and troubleshooting. This is an intensive program offering more instruction than the regular Apprenticeship program – perfect for those who want to move into the Welding trade!

TRAIN FOR:

- ▶ Eligibility for entry into the Apprenticeship Program
- ▶ Developing skills to become a top Tradesperson
- ▶ Building your resume
- ▶ Improved Job Opportunities
- ▶ Hands-on experience in Welding
- ▶ Working with other tradespeople

ADMISSION REQUIREMENTS

- ▶ English 10-1 or English 10-2
- ▶ Math 10-3 or Math 10C
- ▶ Science 10 or Science 14

**Prerequisites are currently under curriculum review.*

*Students should be aware that some employers may require a high school diploma as a prerequisite for employment.

**Students missing educational requirements may also be admitted with a successful Entrance Exam.

COURSES

This course includes Welding Safety and Tools, Trades Math, GMAW, FCAW, MCAW and SAW Theory, Welding Technology and Welding 1 Processes.

PROGRAM LENGTH

- ▶ 12 weeks

COURSE COSTS

The Pre-Employment Welding Certificate's estimated tuition plus books and fees for the 2021-22 year are \$3,626.48. ***All costs are subject to change.**

CAREER OPPORTUNITIES

Oilfield and pipeline companies, industrial and commercial construction companies, and fabrication shops.

APPRENTICESHIP OPPORTUNITIES

Students who successfully completed an Apprenticeship Prior Learning Assessment (PLA) have the opportunity to challenge Alberta Apprenticeship and Industry Training (AIT) 1st period welder exam. After graduation to register for technical apprenticeship training you must be indentured as an apprentice and eligible for training. Typically, you would be employed full-time with a company and have signed a contract of apprenticeship that is registered with AIT.

Contact AIT: tradesecrets.alberta.ca or 1-800-248-4823.

STUDENT TESTIMONIAL

"I knew this was the career path I wanted to take. I have been in the course just over a month now and I have learned so much more than I would have, had I just started working with an employer. I am not even half done yet and I have already approached a company to let me do work experience and they will apprentice me for my first year. Overall, I would say it is a great course for anyone thinking of a career in welding."

- Clayton Savage

TO APPLY OR REGISTER

If you are interested in applying, we have a [how-to guide for ApplyAlberta](#). Please note, your application cannot be processed without the [initial fee payment](#).

CONTACT STUDENT SERVICES:

TF 1-888-539-4772 F 780-539-2832

E studentinfo@nwpolytech.ca nwpolytech.ca/apply

FOR FURTHER INFORMATION:

T 780-835-6743 F 780-835-6781

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