



DUAL CREDIT - WELDING FOUNDATION - TERRACE FALL 2017 TO SPRING 2018

A Welder is a person who has training in and is capable of welding ferrous and non-ferrous metals in all positions, on both plate and/or pipe, using SMAW, GTAW, and FCAW processes. Welders use manual or semi-automatic welding equipment. They use flame-cutting, brazing and air-arcing equipment. Additionally, they use machines such as brakes, shears and other metal straightening and bending machines.

Welders generally plan work from drawings or by analyzing the job tasks, determine the materials required and welding processes, then use their knowledge of welding to complete the job. They may specialize in certain types of welding such as custom fabrication, ship building and repair, pressure vessel welding, pipeline construction welding, structural construction welding or machinery and equipment repair welding. Workers use blueprint symbols to determine machining operations. They check product specifications using precision measuring instruments, and maintain equipment and replace parts when required.

**Contact your
school counsellor
for more details
on how to apply.**

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YOUTH TRAIN IN TRADES (YTT) PROGRAM



CAREER OPPORTUNITIES

Graduates find employment in fabrication shops, maintenance shops and manufacturing plants servicing the fishing, forestry, mining, petroleum, manufacturing and transportation industries.

<http://www.nwcc.bc.ca/program/welder-training-level-c-level-b-level-modular-apprenticeship>

FREQUENTLY ASKED QUESTIONS

What are the minimum admission requirements?

- English 10
- Foundations & Pre-Calculus Math 10 or Apprenticeship & Workplace Math 10

What are the costs?

- **Tuition** – A Dual Credit student's tuition is fully paid by the School District.

Tools, Textbooks, Clothing and Supplies are paid by the student:

- **Tools** – The total cost of tools required for the Welding program is approximately \$550. There are a limited number of Tool Kits available at the NWCC Tool Crib. If available, the tool kits can be paid for at the time of registration.
- **Textbooks** – Approximately \$400 + tax.
- **Clothing/Supplies** – C.S.A. approved safety footwear (WorkSafeBC regulations), safety glasses and coveralls. Approximately \$580. All other school supplies including scientific calculator, geometry set, gloves and USB thumb drives are the student's responsibility.

What are the dates this program runs?

This program runs during the fall and spring of 2017/18 (exact dates TBA) at the Northwest Community College campus in Terrace. Application deadline is May 1, 2017.

The schedule for the Welding Foundations Program follows the schedule of the Trades program at NWCC. The Coast Mountains School District calendar is not applicable to Trades students. Spring break, non-instructional and administrative days do not apply to the college schedule. The college will be closed for Christmas from December 18 to January 1, 2018.