

Welder

Employment/Educational Opportunities

Upon successful completion of the Welder Foundations program, you will receive both Level 1 and Level 2 certificates. A variety of employment opportunities in metalworking industries will be available to you, such as production welder, maintenance welder, welder-fitter and welder-fabricator.

Further educational opportunities include returning to UFV (after at least 1000 hours of experience) to complete a Level 3 program, or becoming involved in an apprenticeship such as Steel Fabrication.

Foundations of Math 10 is recommended due to the math requirements of the C-RK-2B Mathematics module.

Required High School Courses

*(all * must be completed before beginning the program)*

- English 11* (preferred)
- Social Studies 11*
- a Mathematics 11* (**strong math skills are necessary**)
- a Science 11*
- English 12*(preferred)
- Graduation Transitions 12
- Work Experience 12 A & B or YWIT



Welder Foundations (UFV)

(September – May at TTC Chilliwack- 34 week program)

- C-P-1 Introduction and Program Orientation
- C-P-2 Oxyfuel Gas Cutting (OFC)
- C-P-3 Gas Welding and Braze Welding
- C-P-4 Shielded Metal Arc Welding (SMAW#1)
- C-P-5 Air Carbon Arc Gouging (ACAG)
- C-P-6 Gas Metal and Flux Core Arc Welding 1 (GMAW# 1)
- C-RK-1 Material Handling
- C-RK-2A Blueprint Reading 1
- C-RK-2B Mathematics
- C-RK-3 Welding Metallurgy 1
- **ITA Level 1 and Level 2 Final Exams**
- WF-A Use Safe Work Practices
- WF-B Use Trade Mathematics
- WF-C Read Blue Prints
- WF-F Layout Projects
- WF-D Handle Materials
- WF-E Use Metal Working Equipment
- WF-F Layout Projects