



Welding Level C

Okanagan College (OC) is offering a Welding Level C program to be delivered in Vernon. This 24 week program is designed to take a student with little or no previous experience in the welding trade and to supply them with the necessary skills to seek employment in that industry as a registered level "C" welder in British Columbia. A fair proportion of welders find rewarding employment at this level and never need further training.

The Welding Level C program prepares the student for employment as a welder in industry. Students will be provided with a thorough knowledge of various metals; a variety of welding processes used in the repair and construction of metal products; a knowledge of blueprint reading, welding symbols and basic sketching; layout and assembly work; Oxyacetylene-fusion welding of ferrous and nonferrous metals in all positions, braze welding of ferrous and nonferrous metals, and machine and manual cutting; shielded metal arc welding (SMAW) of plate in all positions, carbon arc cutting and gouging; basic metallurgy - properties of metals, metal identification, heat treatment and the effect of heat on metals; gas metal arc welding (GMAW); flux core arc welding (FCAW); and the operation of wire feed equipment.

Credential:

- Graduates from this program may qualify for a Level "C" certification with five months of practical welding experience.
- Secondary School Students will also be eligible to receive dual credit towards grade 12 graduation.

Potential students may include:

- Adult students who are seeking employment as a registered level C welder
- Secondary school students who are interested in receiving dual credit towards graduation and Level "C" certification with five months of practical welding experience.

Employment:

The demand for skilled welding technicians is high and will continue to grow as the use of advanced technologies in the metals fabrication industry increases and as current workers retire from the workforce. As a welder you will find a wide range of work opportunities in the manufacturing, construction and service industries. Our experienced and knowledgeable instructors will provide you with a thorough knowledge of welding materials, processes and applications as well as the safety practices and regulations required by industry.





Students will receive training in the following areas¹:

Components: Minimum passing grade per component is 70%.

- WELD 100 P-1 Safety
- WELD 101 P-2 Oxy Fuel Gas Cutting
- WELD 102 P-3 Oxy Acetylene Gas Welding and Braze Welding
- WELD 103 P-4 Shielded Metal Arc Welding (SMAW)
- WELD 104 P-5 Air Carbon Arc/Plazma Arc Cutting Gouging
- WELD 105 P-6 Gas Metal Arc Welding (GMAW)
- WELD 106 P-6 Flux Core Arc Welding (FCAW) I
- WELD 107 RK-1 Material Handling
- WELD 108 RK-2 Blueprint Reading I
- WELD 109 RK-3 Metallurgy I

Admission requirements:

- Satisfactory standing in basic mathematics and reading tests
- Grade 10 or equivalent (ABE Intermediate Level), Grade 12 is strongly advised
- Secondary school students please contact your Career Counselor for dual credit program admission requirements

Timeline:

- Program duration 24 weeks
- Start date: Aug. 8, 2011
- Conclusion date: Jan. 27, 2012

Time:

- 8:00 to 4:00, Monday to Friday

Location:

- The program will be located at the trades and apprenticeship training facility in Vernon.

Program Fee:

Adult students:

- Tuition \$3,476.22 (includes ancillary fees and may be subject to change)
- Text books and supplies approximately \$980. (Students must provide safety boots, gloves, helmet, coveralls etc.)

- **Secondary School Students:** tuition for dual credit programs may be paid in part or fully by the school district. Students will be registered as Okanagan College students and will be responsible to pay for books, tools, project materials and all ancillary fees.

For Further information contact:

Program Administrator: Rob Kjarsgaard

(250) 545 7291 ext. 2808

Admissions: Janice Ulrich

(250) 545 7291 ext. 2267

Financial Aid:

(250) 862 5419 Toll free Within BC 1 800 767 5492

High School Students contact:

School District #22 Tom Williamson

(250)-545-1348

