



WELDER

ABOUT THIS CAREER

As a Welder, you'll get to meld, attach and affix pieces of metal together with precision, watching objects come to life in your hands. You'll learn how to use a variety of manual and computerized equipment. As you progress, your opportunities will open up pathways to become an expert in areas such as pressure welding, custom fabrication—and more!*

(*SkilledTradesBC)

WHAT YOU'LL NEED

Educational Requirements

- **High School completion (recommended prerequisites):** Math 10 & English 12
- Three levels of certification: level C, level B & level A (certification not required to work as a welder in B.C.)
- Interprovincial Red Seal Certification available for welder levels B and A (those who complete level C will receive a SkilledTradesBC Certificate of Qualification)

Key Skills & Attributes

(technical training and on the job)



Operations Monitoring & Control

Watching gauges, dials or other indicators to make sure that a machine is working properly, while controlling operations of equipment or systems.



Quality Control & Analysis

Conducting tests and inspections of products, services or processes to evaluate quality or performance.



Critical Thinking

Using logic and reasoning to identify the strengths and weaknesses of alternative solutions, conclusions or approaches to problems.



Complex Problem Solving

Being able to solve novel, ill-defined problems in complex, real-world settings.



**Chilliwack
School District**
CAREER EDUCATION

HOURLY PAY
\$21.00 - \$48.00*
(Est. Annual Salary: \$66,739)

ANNUAL EMPLOYMENT GROWTH: **0.6%***
(B.C. Labour Market Outlook 2023-2033)

JOB OPENINGS: **2,670***
*WorkBC

DUTIES & RESPONSIBILITIES

- Read and interpret blueprints or welding process specifications
- Operate manual or semi-automatic flame-cutting equipment as well as brazing and soldering equipment
- Operate brakes, shears and other metal straightening and bending machines
- Repair worn parts of metal products by welding on extra layers
- Specializations include custom fabrication, ship building and repair, aerospace precision welding, pressure vessel welding, pipeline construction welding, structural construction welding, or machinery and equipment repair welding.