

Welder

Certificate of Qualification 453A



“Welding provides me with many opportunities, and is always in-demand.”

A Welder permanently joins pieces of metal or manufactured parts using metal filler and heat and/or pressure; builds structures and repairs broken or cracked parts according to specifications; and carries out special processes,

such as welding studs and brazing. Welding is performed in a variety of skilled trades, including (but not limiting) Ironworker, Electrician, Boilermaker, as well as various Pipe Trades. In addition, specialized types of Welders can demand high wages.

Wages can range anywhere from \$35-58.90/Hr.



Scan to learn more



Organized & can follow plans



Ongoing technical development



Spatial awareness

Entrance Requirements

- ⚠ Entrance requirements for Welding varies depending on which Skilled Trade or training you choose.

View the website for full details.

Did You Know?

Extremely skilled welders, particularly those who are willing to travel, or those who are not afraid to work in hazardous conditions, can get high-paying jobs. Examples include underwater welding, ship repair, military support, pipeline installation and motorsports.

Key Skills & Attributes

- Strong communication skills
- Problem-solving and planning
- Reading and numeracy skills
- Good physical condition and strength

Apprenticeship Program

6000 hours of on-the-job training, supplemented by three 8-week sessions of in-class technical training

Responsibilities

- Lay out, cut, and form metals to specifications
- Fit sub-assemblies & assemblies together
- Prepare assemblies for welding
- Use three major types of welding: arc, gas, and resistance
- Use various welding and cutting processes to join structural steel and cut metal in vessels, piping, and other components
- Fabricate parts, tools, machines, and equipment
- Join parts being manufactured
- Build structures and repair damaged or worn parts
- Control for quality before, during, and after welding

Visit CTAOntario.com for more information

