

# WELDING AND METALS FABRICATION

Explore More About This Program: <https://cwi.edu/program/welding-and-metals-fabrication>

## Program Description

The Welding and Metals Fabrication program provides students with instruction, practical experience, and related theory in shielded metal arc welding, gas metal arc welding, flux-cored arc welding, gas tungsten arc welding, manual and automatic oxyacetylene burning, brazing, soldering, air carbon arc gouging, and plasma arc gouging and cutting. Students learn blueprint reading and layout skills and apply them using computer numerically controlled (CNC) metal-working equipment.

All Welding and Metals Fabrication courses are 8-weeks in duration, set in sequential, 8-week blocks. Depending on program capacity, program entry may be possible at the start of each 8-week block. Students should refer to the [program webpage](#) for the most up-to-date information regarding program start options.

*Note: Registrations for Welding and Metals Fabrication courses are restricted to students within the major.*

## Degrees and Certificates

- [Welding and Metals Fabrication - Associate of Applied Science Degree \(AAS\)](#)
- [Welding and Metals Fabrication - Advanced Technical Certificate \(ATC\)](#)
- [Welding and Metals Fabrication - Basic Technical Certificate 1 \(BTC\)](#)
- [Welding and Metals Fabrication - Basic Technical Certificate 2 \(BTC\)](#)