

Welding: Metal Fabrication

Award Type: Certificate of Achievement

The graduate of the Certificate of Achievement in Welding: Metal Fabrication will:

- Pass at least one welder qualification test (3G-vertical or 4G-overhead) using at least one basic process.
- Have competency in blueprint reading.
- Have a working knowledge of metallurgy.
- Do basic layout, fitting and cutting operation.
- Operate basic welding equipment in a safe manner.
- Weld, cut, and fit ferris and non-ferris materials to industry standard.

Program Requirements

A total of 20 units is required for the certificate.

Required core courses (20 units):

Course Number	Course Title	Units
MT 109	Survey of Machining and Manufacturing	4.0
WLDT 106	Beginning Welding	3.0
WLDT 107	Advanced Welding	3.0
WLDT 306	Layout and Fabrication Interpretation	3.0
WLDT 315	Metal Fabrication	4.0
WLDT 300	Shop Math and Measurement	3.0