

WELDING TECHNOLOGY

Welding Fabrication Certificate

This 33 credit-hour certificate program is designed to give students entry-level skills in welding fabrication. The program of study will emphasize advanced welding theory, extensive practice in the major arc welding process, and out-of-position and multi-pass arc welding including GMAW, SMAW and GTAW. Students will work from blueprints and develop the welding skills necessary to construct quality fabricated metal weldments.

All WLD courses are offered in an 8-week scheduling format.

Required:

| Number | Course Title | Credits |
|---------|--|---------|
| MFT 134 | Print Reading for Industry | 3 |
| MTH 097 | Basic Technical Mathematics ¹ | 3 |
| WLD 110 | Welding I | 3 |
| WLD 210 | Welding II | 3 |
| WLD 211 | Welding III | 4 |
| WLD 212 | Welding IV | 4 |
| WLD 225 | Advanced Blueprint Reading | 2 |
| WLD 240 | Cutting Processes | 3 |
| WLD 245 | Welding Fabrication I | 4 |
| WLD 250 | Welding Fabrication II | 4 |

¹ Students may take MTH 097, MTH 101, MTH 103, or higher.