

# WELDING AND METALS FABRICATION - ASSOCIATE OF APPLIED SCIENCE DEGREE (AAS)

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

## Degree Quick Facts

- **Instructional School:** Industry, Engineering, and Trades
- **Department:** Manufacturing and Welding
- **Program Code:** WEMF.AAS
- **Program Type:** Career and Technical Education
- **Available Fully Online:** No
- **Eligible for Federal Financial Aid:** Yes

NOTE: Courses required for this program *may* have an additional fee; more information can be found on the [Special Course Fees](#) web page.

## Degree Requirements

Course	Course Title	Min Credits
<b>General Education Requirements</b>		
<a href="#">GEM 1 - Written Communication course</a>		3
<a href="#">GEM 2 - Oral Communication course</a>		3
<a href="#">GEM 3 - Mathematical Ways of Knowing course</a>		3
<a href="#">GEM 6 - Social &amp; Behavioral Ways of Knowing course</a>		3
<a href="#">GE Elective course</a>		3
<b>Major Requirements</b>		
WEMF 111	Safety and Leadership I	1
WEMF 112	Safety and Leadership II	1
WEMF 125	Blueprint Reading for Welders I	1
WEMF 126	Blueprint Reading for Welders II	1
WEMF 127	Blueprint Reading for Welders III	1
WEMF 128	Blueprint Reading for Welders IV	1
WEMF 135	Gas Metal Arc Welding (GMAW) Practical	4
WEMF 155	Welding Theory I	1
WEMF 156	Welding Theory II	1
WEMF 157	Welding Theory III	1
WEMF 158	Welding Theory IV	1
WEMF 175	Shielded Metal Arc Welding (SMAW) Practical	4
WEMF 180	Production Welding	4
WEMF 185	Gas Tungsten Arc Welding (GTAW) Practical	4
WEMF 225	Blueprint Reading and Layout V	2
WEMF 226	Blueprint Reading and Layout VI	2
WEMF 227	Blueprint Reading and Layout VII	2
WEMF 228	Blueprint Reading and Layout VIII	2
WEMF 255	Welding and Fabrication Workshop I	4
WEMF 256	Welding and Fabrication Workshop II	4
WEMF 257	Welding and Fabrication Workshop III	4
WEMF 258	Welding and Fabrication Workshop IV	4
<b>Minimum Credit Hours Required</b>		<b>65</b>