## WELDING AND METALS FABRICATION INTERMEDIATE TECHNICAL CERTIFICATE (ITC)

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

## **Certificate Quick Facts**

• Instructional School: Industry, Engineering, and Trades

• Department: Manufacturing and Welding

• Program Code: WEMF.ITC

• 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 <u>Special Course Fees</u> web page.

## **Certificate Requirements**

Course	Course Title	Min Credits
Major Requirements		
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
Minimum Credit Hours Required		50

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