WELDING AND METALS FABRICATION - BASIC TECHNICAL CERTIFICATE (BTC)

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

Certificate Plan

The course sequence listed below is strongly recommended in order to complete your program requirements. Many Career and Technical Education (CTE) courses have prerequisites and/or corequisites that have been accounted for within this course sequence plan. Please register for each semester as shown using the Student Planning tool in myCWI. Consult your advisor for any questions regarding this course sequence plan.

ADVISING NOTE ON COURSE SEQUENCING: Welding and Metals Fabrication (WEMF) courses are offered in 8-week sessions. Majors may begin taking their WEMF courses at the start of any 8-week session during which they are offered but will need to complete each 8-week class session in the order listed below.

First Year

Fall		Credit Hours
First 8-Week Session		
WEMF 111	Safety and Leadership I	1
WEMF 125	Blueprint Reading for Welders I	1
WEMF 135	Gas Metal Arc Welding (GMAW) Practical	4
WEMF 155	Welding Theory I	1
Second 8-Week Session		
WEMF 112	Safety and Leadership II	1
WEMF 126	Blueprint Reading for Welders II	1
WEMF 156	Welding Theory II	1
WEMF 175	Shielded Metal Arc Welding (SMAW) Practical	4
	Total Semester Credit Hours	**14**
Spring		
Third 8-Week Session		
WEMF 127	Blueprint Reading for Welders III	1
WEMF 157	Welding Theory III	1
WEMF 180	Production Welding	4
Fourth 8-Week Session		
WEMF 128	Blueprint Reading for Welders IV	1
WEMF 158	Welding Theory IV	1
WEMF 185	Gas Tungsten Arc Welding (GTAW) Practical	4
	Total Semester Credit Hours	**12**
	Minimum Credit Hours Required	**26**