

Occupational Certificate Academic Degree Map

Welding Technology Level II – Certificate B 2025-2026

This is a suggested sequence of classes based on the average student load and course prerequisites. Not all courses are offered every semester. Milestones, courses, and special requirements necessary for timely progress to complete an area of study are noted. Missing any of these could delay completion of the program. Consult with your advisor for more information.

*Corequisite Course (if needed, must be taken with college level required course)		
(ENG098 +ENG176), (MTH078 +MTH178), (MTH081 + MTH181)		
ENG098	Support for English Composition I	2 cr hrs
MTH078	Support for College Algebra	2 cr hrs
MTH081	Support for Elementary Statistics	2 cr hrs

1 ST SEMESTER			2 ND SEMESTER		
Course	Hrs	Milestones/Notes	Course	Hrs	Milestones/Notes
ENG135 Writing for the Workplace or ENG176 English Composition I	3		MTH126 Technical Math or higher	3	
WLD136 Industrial Safety and OSHA 10	1		WLD204 Shielded Metal Arc Welding II (SMAW II)	3	WLD104 prereq
WLD104 Shielded Metal Arc Welding I (SMAW I)	3		WLD114 Gas Metal Arc Welding I (GMAW I)	3	
WLD112 Oxy-Acetylene Welding & Cutting Processes	3		WLD111 Blueprint Reading & Welding Symbols	2	
WLD110 Material Handling & Plant Layout	1		WLD214 Gas Metal Arc Welding II (GMAW II)	3	WLD114 prereq
WLD115 Gas Tungsten Arc Welding I (GTAW I)	3				
TOTAL	14		TOTAL	14	
3rd SEMESTER					
Course	Hrs	Milestones/Notes			
COM106 or COM130 or COM131 or COM276	3				
WLD131 Pipe Welding I	3				
WLD215 Gas Tungsten Arc Welding II	3	CBA only; WLD115 is a prereq			
TOTAL	9				
CERTIFICATE TOTAL: 37					

Effective Fall 2025