

# Occupational Certificate Academic Degree Map

## Welding Technology Level I - Certificate A 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.

<b>*Corequisite Course (if needed, must be taken with college level required course)</b>		
(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

<b>1<sup>ST</sup> SEMESTER</b>			<b>2<sup>nd</sup> SEMESTER</b>		
<b>Course</b>	<b>Hrs</b>	<b>Milestones/Notes</b>	<b>Course</b>	<b>Hrs</b>	<b>Milestones/Notes</b>
WLD136 Industrial Safety and OSHA 10	1		WLD111 Blueprint Reading & Welding Symbols	2	
WLD112 Oxy-Acetylene Welding & Cutting Processes	3		*Area of Study	6-9	
WLD110 Material Handling & Plant Layout	1	Online, in-person driving			
*Area Of Study	3-6				
<b>TOTAL</b>	<b>8-11</b>		<b>TOTAL</b>	<b>8-11</b>	
<b>Certificate Total: 19</b>					

\*Area of Study: A minimum of **12** hrs must be taken from the courses listed below (in prerequisite order)

<b>SMAW</b>	<b>Hrs</b>	<b>GMAW</b>	<b>Hrs</b>	<b>GTAW</b>	<b>Hrs</b>
WLD104 Shielded Metal Arc Welding I (SMAW I)	3	WLD114 Gas Metal Arc Welding I (GMAW I)	3	WLD115 Gas Tungsten Arc Welding I (GTAW I)	3
WLD204 Shielded Metal Arc Welding II (SMAW II)	3	WLD214 Gas Metal Arc Welding II (GMAW II)	3	WLD215 Gas Tungsten Arc Welding II (GTAW II)	3

Effective Fall 2025