

## Occupational Certificate Academic Degree Map Welding Certificate B / Level II 2024-2025

This is a suggested sequence of classes based on the average student load and course prerequisites. Not all courses are offered every semester. For specific discipline electives, please refer to the page labeled "Systemwide General Education Program" following the degree requirements in the PCC Catalog. Milestones, courses, and special requirements necessary for timely progress to complete a major are designated to keep you on track to graduate in two years. Missing milestones could delay your 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>
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	3	WLD104 prereq
WLD104 Shielded Metal Arc Welding I	3		WLD114 Gas Metal Arc Welding 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	3	WLD114 prereq
WLD115 Gas Tungsten Arc Welding I	3				
TOTAL	14		TOTAL	14	
<b>3<sup>RD</sup> SEMESTER</b>					
<b>Course</b>	<b>Hrs</b>	<b>Milestones/Notes</b>			
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				
<b>CERTIFICATE TOTAL: 37</b>					

Effective Fall 2024