

Occupational Certificate Academic Degree Map

Welding Certificate A / Level 1 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. Students must take 3 hours from courses approved as "AAS Institutionally Designated" (listed in the AAS degree requirements). 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.

*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		
Course	Hrs	Milestones/Notes
WLD136 Industrial Safety and OSHA 10	1	
WLD112 Oxy-Acetylene Welding & Cutting Processes	3	
WLD111 Blueprint Reading & Welding Symbols	2	
WLD110 Material Handling & Plant Layout	1	
TOTAL	7	

*Area of Study: A minimum of 12 hrs must be taken from the courses listed below (in prerequisite order)					
SMAW	Hrs	GMAW	Hrs	GTAW	Hrs
WLD104 Shielded Metal Arc Welding I	3	WLD114 Gas Metal Arc Welding I	3	WLD115 Gas Tungsten Arc Welding I	3
WLD204 Shielded Metal Arc Welding II	3	WLD214 Gas Metal Arc Welding II	3	WLD215 Gas Tungsten Arc Welding II	3
Certificate Total:					19

Effective Fall 2024