

Associate of Applied Science Academic Degree Map

Welding 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. The courses approved for the AAS Institutionally Designated options are 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), (MTH056 +MTH176), (MTH078 +MTH178), (MTH081 + MTH181)		
ENG098	Support for English Composition I	2 cr hrs
MTH056	Support for Contemporary Math	2 cr hrs
MTH078	Support for College Algebra	2 cr hrs
MTH081	Support for Elementary Statistics	2 cr hrs

1ST SEMESTER			2ND SEMESTER		
Course	Hrs	Milestones/Notes	Course	Hrs	Milestones/Notes
ENG135 Writing for the Workplace or ENG176 English Comp I	3		Social & Behavioral Sciences or Arts & Humanities	3	
AAS Institutionally Designated	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		WLD181 Welding Metallurgy	2	
WLD112 Oxy-Acetylene Welding & Cutting Processes	3		WLD114 Gas Metal Arc Welding I	3	
WLD110 Material Handling & Plant Layout	1		WLD111 Blueprint Reading & Welding Symbols	2	
TOTAL	14		TOTAL	16	
3rd SEMESTER			4th SEMESTER		
Course	Hrs	Milestones/Notes	Course	Hrs	Milestones/Notes
COM106 or COM130 or COM131 or COM276	3		WLD215 Gas Tungsten Arc Welding II	3	WLD115 prereq
WLD214 Gas Metal Arc Welding II	3	WLD114 prereq	WLD231 Pipe Welding II	3	WLD131 prereq
WLD115 Gas Tungsten Arc Welding I	3		WLD231 Design & Fabrication or WLD200 Welding Internship	5	WLD132 Prereq
WLD131 Pipe Welding I	3		WLD234 Robotic Welding	2	
WLD132 Design & Fabrication I	3		WLD235 Specialty Welding Processes	2	
TOTAL	15		TOTAL	15	
DEGREE TOTAL:					60

Effective Fall 2024