

DEGREE MAP

The following sequence is an example of how this program can be completed within the recommended time frame. It presumes that all course and program prerequisites have been met. Completion times may vary depending on individual circumstances. Students should consult an advisor when they plan their individual completion path using MyDegreePlan.

Program Name: Welding Technology - Associate of Applied Science Degree

Locations Offered: Douglas Campus and Sierra Vista Campus

First Semester: Fall

Requirement Category	Course(s)	Delivery*	Credits
Core Curriculum	BUS 160 Essentials of Workplace Success Skills	F2F, OL	3
Core Curriculum	WLD 105 Oxyacetylene Welding	F2F	3
Core Curriculum	WLD 128 Gas Metal Arc Welding	F2F	3
Gen Ed-Composition	ENG 101 Composition or ENG 101L Composition with Support Lab	F2F, OL	3
Gen Ed-Mathematics	MAT 132 Applied Mathematics or MAT 132L Applied Mathematics with Support Lab or higher	F2F	3-4

Second Semester: Spring

Requirement Category	Course(s)	Delivery*	Credits
Core Curriculum	WLD 106 Basic Shield Metal Arc Welding	F2F	3
Core Curriculum	WLD 108 Introduction to Pipe Welding	F2F	3
Core Curriculum	WLD 200 Welding Code Interpretation of D1.1	F2F	1
Core Curriculum	WLD 203 Print Interpretation	F2F	4
Core Curriculum	WLD 227 Advanced Shield Metal Arc Welding, or WLD 228 Advanced Gas Metal Arc Welding, or WLD 229 Flux-Cored Welding	F2F	2
Gen Ed-Composition	ENG 102 English Composition or CIS 179 Applied Technical Writing, or COM 102 Essentials of Communication*	F2F, OL	3

Third Semester: Fall

Requirement Category	Course(s)	Delivery*	Credits
Core Curriculum	DFT 150 Fundamentals of AutoCAD	F2F	3
Core Curriculum	WLD 209 Gas Tungsten Arc Welding	F2F	3
Core Curriculum	WLD 211A Pipe Welding I	F2F	3
Core Curriculum	WLD 211B Pipe Welding II	F2F	3
Core Curriculum	WLD 227 Advanced Shield Metal Arc Welding, or WLD 228 Advanced Gas Metal Arc Welding, or WLD 229 Flux-Cored Welding	F2F	2

Fourth Semester: Spring

Requirement Category	Course(s)	Delivery*	Credits
Core Curriculum	WLD 201 Welding Code Interpretation of D17.1	F2F	1
Core Curriculum	WLD 215 Welding Design and Fabrication	F2F	3
Core Curriculum	WLD 219 Advance GTAW-Hard Metals	F2F	2
Core Curriculum	WLD 227 Advanced Shield Metal Arc Welding, or WLD 228 Advanced Gas Metal Arc Welding, or WLD 229 Flux-Cored Welding	F2F	2
Gen Ed-Liberal Arts		F2F, OL	3-4
Gen Ed-Technology Literacy	CIS 116 Computer Essentials or CIS 120 Intro to Info Systems	F2F, OL	3

Total Credits Required: 60-61

*Key: F2F = Face-to-Face OL = Online

Reviewed: 3/1/2024

Notes: *CIS 179 is not transferable to Arizona four-year institutions as a general education requirement. COM 102 is not transferable to Arizona four-year institutions as a general education composition requirement.