

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	CB, OL	3
Core Curriculum	WLD 105 Oxyacetylene Welding	CB	3
Core Curriculum	WLD 128 Gas Metal Arc Welding	CB	3
Gen Ed-Composition	ENG 101 Composition or ENG 101L Composition with Support Lab	CB, OL	3
Gen Ed-Mathematics	MAT 132 Applied Mathematics or MAT 132L Applied Mathematics with Support Lab or higher	CB	3-4

Second Semester: Spring

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

Third Semester: Fall

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

Fourth Semester: Spring

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

Total Credits Required: 60-61

*Key CB = Campus-Based (In Person or Hybrid: Requires attendance at a physical location)

 OL = Online (Synchronous, Asynchronous, or Online Combo)

Reviewed: 3/1/2025

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.