

WELDING TECHNOLOGY Certificate			
	Course #	Course Name	Credit Hours
Semester 1	ORI 101 OR ORT 100	Orientation to College OR Orientation for Career Students	1
	WDT 107	SMAW Fillet/OFC/PAC/CAC	3
	WDT 110	Industrial Blueprint Reading	3
	WDT 122	SMAW Fillet/OFC Lab	3
	WDT 123	SMAW Fillet/OFC/PAC/CAC	3
		Eligible for AWS Certification	Semester Total: 13
Semester 2	COM 103	Introductory Technical English II	3
	WDT 119	Gas Metal Arc/Flux Cored Arc Welding	3
	WDT 120	Shielded Metal Arc Welding Groove	3
	WDT 124	Gas Metal Arc/Flux Cored Arc Welding Lab	3
	WDT 125	Shielded Metal Arc Welding Groove Lab	3
		Eligible for stackable STC Basic Welding Fundamentals Eligible for stackable STC Welding Technologies Eligible for AWS Certification	Semester Total: 15
Semester 3	MAH 101 OR MTH 116	Introductory Mathematics I OR Mathematical Applications	3
	WDT 228	Gas Tungsten Arc Welding	3
	WDT 257	SMAW Carbon Pipe Lab	3
	WDT 268	Gas Tungsten Arc Welding	3
			Semester Total: 12
Semester 4	DPT 103 OR CIS 146	Science/Math Elective	3
	SPC 103 OR SPH 106 OR 107	Oral Communications Skills OR Fundamentals of Oral Communication OR Fundamentals of Public Speaking	3
	WDT 115	GTAW Carbon Pipe	3

	WDT 155	GTAW Carbon Pipe Lab	3
	WDT 157	Consumable Welding Theory	3
		Eligible for stackable STC Basic Welding Fundamentals Eligible for stackable STC Advanced Mid Welder	Semester Total: 15
Semester 5	Area II Elective	Humanities/Fine Arts Elective	3
	ACR 134	Ice Machines	3
	ACR 203	Commercial Refrigeration	3
	ACR 209	Commercial Air Conditioning Systems	3
	BUS 100	Introduction to Business	3
		ELIGIBLE FOR CERTIFICATE – WELDING TECHNOLOGY	Semester Total: 15
		Eligible for AWS Certification	Program Total: 55

NOTE: This Guided Pathway contains all the coursework required for degree/certificate completion. However, courses may be offered or taken in other semesters as long as prerequisites are met. Courses may be available days, nights, hybrid, and online.