

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
		ELIGIBLE FOR CERTIFICATE – WELDING TECHNOLOGY 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.



PATHWAYS

Your Guide
to Completion

WELDING TECHNOLOGY Short-Term Certificate			
	Course #	Course Name	Credit Hours
Semester 1	WDT 107	SMAW Fillet/OFC/PAC/CAC	3
	WDT 120	Shielded Metal Arc Welding Groove	3
	WDT 122	SMAW Fillet/OFC Lab	3
	WDT 123	SMAW Fillet/PAC/CAC Lab	3
			Semester Total:12
Semester 2	WDT 119	Gas Metal Arc/Flux Cored Arc Welding	3
	WDT 110	Industrial Blueprint Reading	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	Semester Total:12
		ELIGIBLE FOR AWS Structure Test	
		ELIGIBLE FOR STC – Welding Technology	Program Total: 24

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PATHWAYS

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WELDING TECHNOLOGY - ADVANCED PIPE WELDING (STAINLESS STEEL) Short-Term Certificate

	Course #	Course Name	Credit Hours
Semester 1	WDT 115	GTAW Carbon Pipe	3
	WDT 116	GTAW Stainless Pipe	3
	WDT 155	GTAW Carbon Pipe Lab	3
	WDT 156	GTAW Stainless Pipe Lab	3
			Semester Total: 12
Semester 2	WDT 157	Consumable Welding Processes	3
	WDT 158	Consumable Welding Processes Lab	3
			Semester Total: 6
		ELIGIBLE FOR STC – Advanced PIPE Welding	Certificate Total: 18

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PATHWAYS

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WELDING TECHNOLOGY - ADVANCED MIG WELDING (ALUMINUM) Short-Term Certificate

	Course #	Course Name	Credit Hours
Semester 1	WDT 115	GTAW Carbon Pipe	3
	WDT 119	Gas Metal Arc/Flux Cored Arc Welding	3
	WDT 124	Gas Metal Arc/Flux Cored Arc Welding Lab	3
	WDT 228	Gas Tungsten Arc Welding	3
			Semester Total: 12
Semester 2	WDT 162	Consumable Welding Applications	3
	WDT 163	Consumable Welding Applications Lab	3
			Semester Total: 6
		ELIGIBLE FOR STC – Advanced MIG Welding	Certificate Total: 18

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PATHWAYS

Your Guide
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WELDING TECHNOLOGY - BASIC WELDING FUNDAMENTALS Short-Term Certificate

	Course #	Course Name	Credit Hours
Semester 1	WDT 107	SMAW Fillet/OFC/PAC/CAC	3
	WDT 119	Gas Metal Arc/Flux Cored Arc Welding	3
	WDT 123	SMAW Fillet/PAC/CAC Lab	3
	WDT 124	Gas Metal Arc/Flux Cored Arc Welding Lab	3
		ELIGIBLE FOR AWS Sturcture Test	Semester Total: 12
		ELIGIBLE FOR STC – Basic Welding Fundamentals	Program Total: 12

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