

# WELDING TECHNOLOGY – CERTIFICATE (Revised Fall 2019)

## Guided Pathway/Map

**NOTE:** The Guided Pathway below contain 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. \*Please refer to your STARS guide or transfer institution for specific course requirements.

	Course #	Course Name	Sem. Hours
Semester 1	ORI101	Orientation to College	1
	WDT107	SMAW Fillet/OFC/PAC/CAC	3
	WDT122	SMAW Fillet/OFC Lab	3
	COM103	Introductory Technical English II	3
	WDT123	SMAW Fillet/PAC/CAC/CAC Lab	3
		<b>ELIGIBLE FOR STACKABLE STC BASIC SHIELDED METAL ARC WELDING (SMAW)</b>	Semester Total:13
Semester 2	MAH101	Vocational Technical Mathematics I	3
	WDT119	Gas Metal Arc/Flux Cored Welding	3
	WDT124	Gas Metal Arc/Flux Cored Welding Lab	3
	WDT120	Shielded Metal Arc Welding (SMAW) Groove	3
	WDT125	Shielded Metal Arc Welding (SMAW) Groove Lab	3
		<b>ELIGIBLE FOR STACKABLE STC BASIC GAS METAL ARC WELDING (MIG)</b>	Semester Total: 15
Semester 3	SPC103	Oral Communication Skills	3
	WDT217	SMAW Carbon Pipe	3
	WDT257	SMAW Carbon Pipe Lab	3
	WDT228	Gas Tungsten Arc Welding	3
	WDT268	Gas Tungsten Arc Welding Lab	3
		<b>ELIGIBLE FOR STACKABLE STC BASIC SMAC PIPE WELDING</b>	Semester Total: 15
Semester 4	DPT103	Introductory Computer Skills II	3
	WDT110	Industrial Blue Print Reading	3
	WDT115	GTAW Carbon Pipe	3
	WDT155	GTAW Carbon Pipe Lab	3
	Course #	Course Name	Sem. Hours
	WKO106	Workplace Skills	3*
	WDT286	CO-OP	1
		<b>ELIGIBLE FOR STACKABLE STC BASIC GAS TUNGSTEN ARC WELDING (TIG)</b>	Semester Total: 16
		<b>ELIGIBLE TO TAKE THE AWS STRUCTURAL WELDING CERTIFICATION TEST AND AWS PIPE WELDING CERTIFICATION TEST</b>	Program Total: 59