



PIPE WELDING

Short Term Certificate – STC WD7

Program Locations: The Academy at Fairhope Airport, Atmore, Monroeville, South Baldwin Center for Technology, and Thomasville Campuses

Length: Two Semesters

This short-term certificate is designed to prepare individuals with employment skills necessary for a career in Pipe Welding. The program is competency based that includes both theory and hands on practical application-based instruction. Instruction is provided in various processes and techniques of welding and cutting different types of materials.

This is a career program designed for students to go directly into the labor market upon completion. Although some of the courses in this program will transfer to four-year institutions, this program is not designed to be a transfer program of study; therefore, it is not subject to the terms and conditions of STARS.

AREA V: Pre-Professional, Major, and Elective Courses	
WDT 110 – Industrial Blueprint Reading or WDT 228 Gas Tungsten Arc Welding	3
WDT 115 – GTAW Carbon Pipe	3
WDT 155 – GTAW Carbon Pipe Lab	3
WDT 116 – GTAW Stainless Pipe	3
WDT 156 – GTAW Stainless Pipe Lab	3
WDT 217 – SMAW Carbon Pipe	3
WDT 257 – SMAW Carbon Pipe Lab	3
Welding Electives: Choose two from the following:	
WDT 108 – SMAW Fillet/OFC	WDT 123 – SMAW Fillet/PAC/CAC Lab
WDT 109 – SMAW Fillet/PAC/CAC	WDT 124 – Gas Metal Arc/FLUX Lab
WDT 110 – Industrial Blueprint Reading	WDT 125 – Shielded Metal Arc Groove Welding Lab
WDT 119 – Gas Metal ARC/FLUX Core	WDT 180 – Special Topics
WDT 120 – Shielded Metal Arc Welding Groove	WDT 228 – Gas Tungsten Arc Welding
WDT 122 – SMAW Fillet/OFC Lab	WDT 281 – Special Topics in Welding
	6
Total Hours	27 SH