

Welding Technology (CER-WLD)

Program Locations: The Academy at Fairhope Airport, Atmore, Monroeville, and Thomasville Campuses

Welding and Career Technology Division

Length: Four Semesters

The Certificate in Welding Technology is designed to prepare individuals for employment in the field of 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 Alabama Transfers state transfer and articulation reporting system.

Subject: Welding and Career Technology

Type: Certificate

Semester One

Item #	Title	Credits
WDT 108	Shielded Metal Arc Fillet/OFC	3
WDT 109	Shielded Metal Arc Fillet/PAC/CAC	3
WDT 122	Shielded Metal Arc Fillet/OFC Lab	3
WDT 123	Shielded Metal Arc Fillet/PAC/CAC Lab	3
WKO 110	NCCER Core	3

Semester Two

Item #	Title	Credits
WDT 110	Industrial Blueprint Reading	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 Groove Welding Lab	3

Semester Three

Item #	Title	Credits
ENG 101	English Composition I	3
MTH 116	Mathematical Applications	3
WDT 115	GTAW Carbon Pipe	3
WDT 217	SMAW Carbon Pipe	3
WDT 257	SMAW Carbon Pipe Lab	3

Semester Four

Item #	Title	Credits
CIS 146	Microcomputer Applications	3
WDT 116	GTAW Stainless Pipe	3
WDT 155	GTAW Carbon Pipe Lab	3
WDT 156	GTAW Stainless Pipe Lab	3
Total credits:		57