

Welding Technology, A.A.S.

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

Career-Technical Division

Length: Four Semesters

The Associate in Applied Science degree 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 STARS.

Program: Welding Technology

Type: A.A.S.

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 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 Elective	3
WDT 217	SMAW Carbon Pipe	3
WDT 115	GTAW Carbon Pipe	3

Semester Three

Item #	Title	Credits
	WDT Elective	3
ENG 101	English Composition I	3
WDT 116	GTAW Stainless Pipe	3
INT 117	Principles of Industrial Mechanics	3
MTH 116	Mathematical Applications	3
	MTH, SCI, CIS 130 or CIS 147	3-4

Semester Four

Item #	Title	Credits
	SPH 106 or SPH 107	3
IET 114	Basic Electricity	3
CIS 146	Microcomputer Applications	3
	Humanities and Fine Arts Elective	3
	History, Social Science, or Behavioral Science Elective	3
WKO 107	Workplace Skills Preparation	1
	Total credits:	67-68