

Welding Technology (AAS-WDT)

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.

Subject: Welding and Career 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
	WKO 107 or ORI 101	1

Semester Two

Item #	Title	Credits
WDT 115	GTAW Carbon Pipe	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 217	SMAW Carbon Pipe	3
	Welding AAS Electives	3

Semester Three

Item #	Title	Credits
ENG 101	English Composition I	3
INT 117	Principles of Industrial Mechanics	3
MTH 116	Mathematical Applications	3
WDT 116	GTAW Stainless Pipe	3
	Welding AAS Electives	3

Complete Graduation Application

Complete the graduation application and begin the process of a review of your degree plan before your final semester.

Semester Four

Item #	Title	Credits
CIS 146	Microcomputer Applications	3
IET 114	Basic Electricity	3
	History, Social Science, or Behavioral Science Elective	3
	Humanities and Fine Arts Elective (T)	3
	Total credits:	61