

Welding - Basic Plate Welding (STC-WD6)

Program Locations: The Academy at Fairhope Airport, Baldwin Preparatory Academy (Dual Enrollment), Atmore, Monroeville, and Thomasville Campuses

Welding and Career Technology Division

Length: Two Semesters

The short-term certificate in Basic Plate Welding 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: Short-Term 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 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 |
| | Total credits: | 27 |