

**Welding Technician
Certificate of Completion**

Texas Southmost College
Workforce Training and Continuing Education

This welding program is designed to prepare students with in-depth training and skills for entry-level employment in a wide variety of careers as a welder in light or heavy fabrication, construction, and manufacturing. Training focuses on the theory and application to provide essential skills in Shielded Metal Arc Welding (SMAW), Flux Cored Arc Welding (FCAW) in all positions which includes flat, horizontal, vertical, and overhead techniques with T-joint and V-groove plate. It also covers Gas Metal Arc Welding (GMAW) in all positions with T-Joint plate. Carbon Arc Gouging, Oxy-Acetylene/Beveling, Plasma Arc Cutting/Beveling and Shearing will be taught as well. The student will receive an OSHA 10 Safety Certification as well as a Certificate of Completion and if they pass the final AWS D1.1 test a 3F (vertical) AWS Certification.

COURSES	CONTACT HOURS
WLDG 1021 Welding Fundamentals.....	160

TOTAL CONTACT HOURS FOR GRADUATION - 160

Must complete all courses with an 80% final grade for graduation.