

START HERE. GO ANYWHERE.



SOUTHERN CAREERS INSTITUTE
WELDING

Call Now 1.833.SCI.TEXAS or Scan the QR Code to Learn More



LEARN it.

Our Welding students will have the opportunity to train to:

- Demonstrate skill in joining and cutting metal surfaces, arc welding, resistance welding, brazing, and soldering.
- Safely use tools and equipment.
- Demonstrate competent cutting procedures and welds to appropriate welding codes.
- Diagnose and cure common welding defects.

Graduates may find entry-level employment in:

- Fabrication and Cutting
- Soldering or Brazing as a Welding Apprentice
- Structural Welder
- Combo Welder
- Metal Fabricator and Fitter
- Machinist

Length of Program*

27
WEEKS
DAY/EVENING
CLASSES

*With successful full-time enrollment.

Earn the following **14 Skill Badges** conveying proficiency in your field:



Trade Safety



Construction Basics



Oxy-Fuel Cutting



Welding Safety



Base Metal



Weld Quality



SMAW: Bead Welds



SMAW: Fillet Welds



Groove Welds



Welding Symbols



GMAW: Plate Welds



Mechanical Properties of Metal



FCAW: Plate Welds



GTAW: Pipe



- TRD100 Trade Safety & Construction Basics**
Covers topics such as basic safety, communication skills, and introduction to construction drawings
- WEL120 Oxy Fuel Cutting and Welding Fundamentals**
Emphasis on the proper usage, care & maintenance of power tools & Oxy-fuel cutting
- WEL121 Arc Cutting and Welding Standards**
Learn the practical applications of air-carbon & plasma cutting & gouging. Introduction to welding codes utilized in structural standards & welding processes
- WEL122 Shielded Metal Arc Welding - Plate**
Learn equipment & procedures involved with Shielded Metal Arc Welding (SMAW)
- WEL123 Shielded Metal Arc Welding - Plate and Pipe**
Learn plate & welding involved with Shielded Metal Arc Welding (SMAW)
- WEL124 Shielded Metal Arc Welding – Groove Welding**
Introduction to the proper set-up of equipment & materials to execute groove welds with backing
- WEL125 Gas Metal and Flux Core Arc Welding - Plate**
Learn interpretation, use of welding drawings & proper identification of welding symbols. Introduction of the proper set-up of equipment & materials to execute gas metal & flux core welds
- WEL126 Gas Metal and Flux Core Arc Welding - Plate and Pipe**
Introduction to physical & mechanical characteristics as well as composition & classification of materials. Introduction of the proper set-up of equipment & materials to execute plate & welds
- WEL127 Gas Tungsten Arc Welding - Plate and Pipe**
Introduction to the proper set-up of equipment & materials to execute Gas Tungsten Arc Welding

Included National Certifications*
Taken through a third party provider



NCCER Core



NCCER Levels 1+2

Additional National Certifications**
Taken through a third party provider



OSHA-10

**Exam fee included in tuition and will be paid if taken within three months of program completion.*

***Additional Exam fees not included in tuition.*

SPEAK WITH AN ADMISSIONS ADVISOR TODAY! 1.833.SCI.TEXAS or visit SCItexas.edu

Austin Main Campus
1701 W. Ben White Blvd., Ste. 100
Austin, TX 78704

Brownsville Branch Campus
935 North Expressway
Brownsville, TX 78520

Corpus Christi Branch Campus
2422 Airline Rd.
Corpus Christi, TX 78414

Harlingen Branch Campus
1122 Morgan Blvd.
Harlingen, TX 78550

Pharr Branch Campus
1500 North Jackson Rd.
Pharr, TX 78577

San Antonio-North Branch Campus
6963 NW Loop 410
San Antonio, TX 78238

San Antonio-South Branch Campus
238 Southwest Military Dr. Ste. 101
San Antonio, TX 78221

Waco Branch Campus
3700 S IH 35, Ste. A
Waco, TX 76706