

Southwest Texas College

WELDING TECHNOLOGY

Program Overview • Enrollment • Growth • Workforce
Pathways

Carlos Lopez, Division Chair, Applied Sciences
Alberto Ybarra, Program Coordinator / Instructor

Faculty and Instructional Team

Leadership and faculty supporting welding students across traditional and dual credit pathways.



Carlos Lopez

Division Chair, Applied Sciences



Alberto Ybarra

Program Coordinator / Instructor



Jose Zavala

Instructor, Eagle Pass



Leopoldo Valdez

Instructor, Uvalde



Luis Saucedo

Instructor, Del Rio



Jose Lopez

Instructor, Eagle Pass



Carlos Gonzalez

Instructor, Crystal City, Crystal City HS



Ricardo Carillo

Instructor, Hondo, Carrizo Springs HS



Reynaldo Balderas

Instructor, Eagle Pass

Faculty and Instructional Team

Leadership and faculty supporting welding students across traditional and dual credit pathways.



Jonathan Sambrano

Instructor, La Pryor HS



Eric Navarro

Instructor, CC Winn HS



Moses Hassen

Instructor, Eagle Pass HS



Chris Aza

Instructor, Sabinal HS



Carlos Bernal

Instructor, Del Rio HS



Tod Townsend

Instructor, Del Rio HS



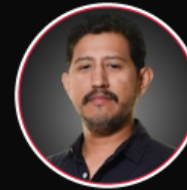
Jason Fleming

Instructor, Leahey HS



Howard Fowler

Instructor, Uvalde HS



Cesar San Miguel

Instructor, Dilley HS

Faculty and Instructional Team

Leadership and faculty supporting welding students across traditional and dual credit pathways.



Ricardo Silva

Instructor, Cotulla HS



Albert Acosta

Instructor, Pearsall HS

A Program Built Around Skill, Safety, and Opportunity

Hands-on training that connects students to real workforce pathways.

530

Total welding students served
across traditional and dual
credit pathways

108

Traditional students enrolled
across five locations

422

Dual credit students connected
through high school partners

3

Award pathways: certificates, OSA
options, and A.A.S. degree

Program Purpose

Focused technical education for students entering the welding field.

The Welding Technology program develops advanced knowledge and hands-on skills in oxy-acetylene welding and cutting, shielded metal arc welding, welding math, drafting, layout, blueprint reading, and structural and pipe fabrication.

- Students are admitted through regular college admission procedures.
- Students may earn a Level One Certificate, Level One Advanced Certificate, or Associate of Applied Science degree upon satisfactory completion and formal graduation application.
- Level One and Advanced Level One Certificates are TSI-exempt; A.A.S. students must meet all TSI requirements.

Clear Award Pathways

Stackable credentials that let students enter, advance, and continue.

01

**Introductory
Welding Assistant
OSA**

02

**Basic Level One
Certificate**

03

**Intermediate
Welding Assistant
OSA**

04

**Advanced Level
One
Certificate**

05

**A.A.S. Degree
Welding
Technology**

Current Traditional Enrollment

A five-location footprint serving 108 traditional students.

Jack R. Chittum Tech Campus

44

Uvalde

30

Del Rio

18

Crystal City

8

Hondo STRTC

8

108

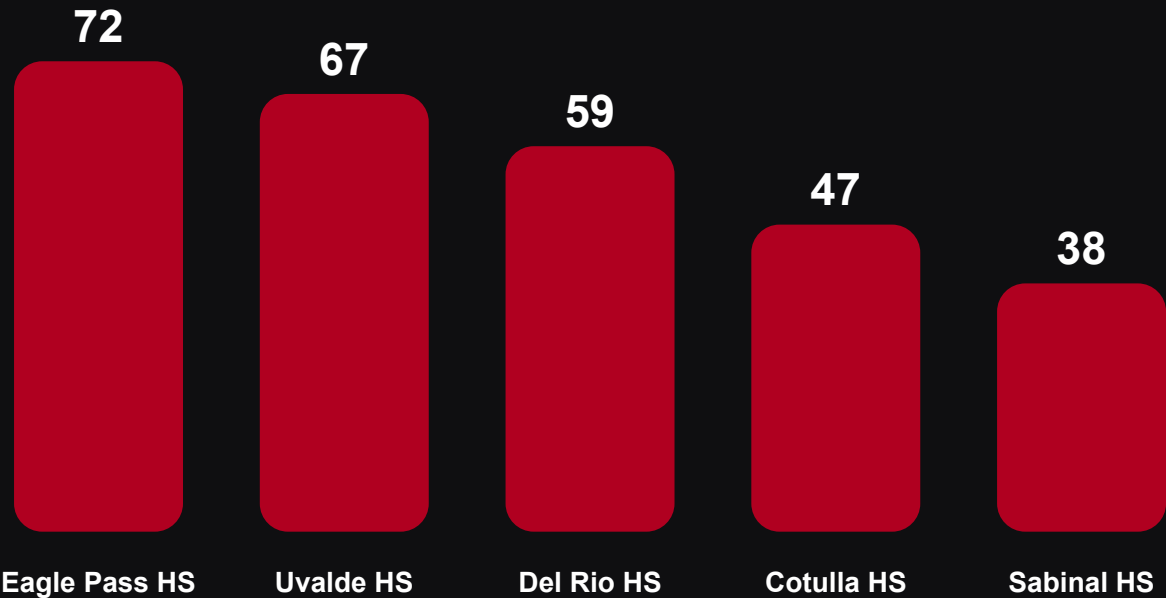
Traditional
Students

Dual Credit Reach

Top partner enrollments and the full dual credit network.

422
DUAL CREDIT STUDENTS

TOP DUAL CREDIT PARTNERS



ALL DUAL CREDIT SCHOOLS

- Carrizo Springs High School
- CC Winn High School
- Crystal City High School
- Del Rio High School
- Eagle Pass High School
- Leahey High School
- Sabinal High School
- Uvalde High School
- Dilley High School
- Cotulla High School
- Pearsall High School
- Home School
- La Pryor High School

Top chart combines multiple cohorts by school.

Program Milestones

Growth aligned to student demand and regional workforce need.

Del Rio Expansion

New facility at the new site with 32 welding booth capacity.

Uvalde Expansion

12 welding booths added to the current facility to accommodate dual credit.

New Instructor Hires

Three instructors added to support student enrollment: Albert Acosta, Joshua Gilliland, and Reynaldo Balderas.

Why This Program Matters

Welding builds confidence, employability, and local capacity.

Students are not just completing coursework. They are learning to work safely, solve problems, read plans, use equipment, and produce quality work in real shop conditions.

SKILL

SAFETY

WORKFORCE

OPPORTUNITY

Thank You

To the Board of Trustees of Southwest Texas College

We sincerely appreciate your dedication, service, leadership, and thoughtful attention to the programs offered at Southwest Texas College. Your continued support plays a vital role in shaping the future of our students and communities.

Questions?

**Southwest Texas College Welding
Technology**

Thank you for your support.

Southwest Texas College