



TEXAS SOUTHMOST COLLEGE

Building the Workforce That Builds the Region

Ricardo Trevino
Director of Industry Relations

100 Years of History, Education and Service

- First institution of higher education in the RGV- 1926
- Upward Economic Mobility
- Most affordable institution of higher education in the RGV
- Variety of pathways to earn a credential



From Training to Talent Pipeline

Our Economic Development Strategy

- **All programs aligned to regional industry needs and employer demands.**
- **Hands on, industry aligned instruction across multiple sectors**
- **Performance driven workforce funding**
- **Strong relationships with employers, school districts and community partners.**

The Region We Serve

South Texas Workforce Needs

- Access to qualified workforce
- Affordable upskilling opportunities
- Quick access to certifications/credentials

Our Work in Action

- Workforce training delivered in English and Spanish when appropriate
- Centralized training location and onsite training serving multiple industries
- Flexible schedules designed for students and working adults
- Training designed to support immediate hiring needs and long-term career pathways

Advance Manufacturing, Robotics and Automation (AMRA)



- Students work in labs that simulate real industrial environments, using the same professional-grade tools and diagnostic equipment found in modern manufacturing facilities.
- Safety compliance and strategic maintenance planning are woven throughout the curriculum

Electrical Systems

Troubleshooting and maintenance of complex electrical systems and components

PLC /ROBOTS Programming

Programmable Logic Controller programming, diagnostics, and system optimization

Blueprint Reading

Interpreting mechanical and electrical system blueprints and technical drawings

Welding

welding techniques for repairs, installations, and custom fabrication

Training Programs

Training programs designed around speed, access and real employment outcomes.

- Industry recognized credentials in weeks not years
- Flexible schedules with frequent start dates
- Centralized training at ITECC with hands-on, lab-based instruction
- Credentials aligned to immediate hiring needs and stackable career pathways



Hands-on Industrial Training

Short term training is guided by industry-aligned curriculum.

Flexible Scheduling 10 week training courses with multiple starts

Electro Mechanical Maintenance Technician

- Programmable Logic Controllers
- Hydraulics and Pneumatics
- Motor Controls

Manufacturing Machine Operator

- Computer-Aided Manufacturing
- Operations of Machining Centers

Welding

- Structural Welding – Flux Core Arc Welding (FCAW)
- Structural Welding – Shielded Metal Arc Welding (SMAW)
- Combination Welding – Pipe Welding
- Specialized Welding TIG – Tungsten Arc Welding

Customized Training for Businesses

- Customized Training Tailored To Meet Industry Requests
- All curriculum can be customized to meet your need.
- Employer customized curriculum modified in 1–2 weeks
- Fast track pathways allowing workers to complete training in a few hours or as little as 6–8 weeks
- Apprenticeships

Business Customized Training

- Injection Molding – Mold design and maintenance
- CNC Machining – Programming and Operating CNC machines
- Additive Manufacturing- 3D Metal Printer and 3D Plastic Printer
- Programmable Logic Controllers- Programming and troubleshooting control system diagnostics
- Precision Tools and Measurements
- Blueprint Reading
- Computer Aided Drafting
- Electrical and Mechanical Maintenance
- Machine Shop Basics
- Safety- OSHA 10 & 30, NCCER, Lockout/Tagout (LOTO)

Centennial Celebration

- TSC Charro Fest February 25th
- Historic Run and Half Marathon March 28th
- Play Day at the Zoo April 19th
- Bougainvillea Ball April 15th

Learn more at tsc.edu/100

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