



Industrial Pipefitting Occupational Skills Award

IACE1.IPIF
OSA1.IPIF

Texas Southmost College
Workforce Training and Continuing Education

This program is designed to meet industry standard techniques in industrial fabrication and installation of mechanical piping systems carrying fuel, water, chemicals, steam, and various other piping systems. During the course, students will understand basic blueprint reading and isometric drawing specifications. Students will fabricate spool pieces, and learn the techniques required to rig and hoist various pipe joints. Upon completion of the course, students will have the opportunity to earn an Occupational Skill Award, and an OSHA 10-hour certification.



COURSES	Hours
WLDG 2035 – Advanced Layout and Fabrication (160)	160
Total Contact Hours for Occupational Skills Award	160

Learning Outcomes:

- Meet industry standards and techniques for industrial fabrication and installation of mechanical piping systems.
- Students will gain knowledge in how to layout, cut, prep, tac-weld, and install various piping systems for industrial production and process systems.
- Students will interpret isometric drawings for various piping systems and apply knowledge to select pipe size and type and related equipment materials

Award

TSC Certificate of Completion
Occupational Skills Award
OSHA 10-Hour Certification

*Must successfully complete all courses with a Satisfactory (S) for graduation.