



CRAFT TRAINING CENTER

of the Coastal Bend

Instrument Fitting Course Description

This course of instruction prepares individuals for jobs as an entry-level instrument fitter in the industrial, construction, and maintenance industry. Graduates may find suitable employment with electrical and instrumentation contractors in the industrial, construction, and maintenance industry. Students will train to lay out, fabricate, install, and perform leak testing on tubing and piping systems; install instruments and instrument stands; and, interpret instrument construction drawings, specifications, and other resource documents. Upon completion of this program, the student will be able to exhibit basic mechanical and mathematical skills to demonstrate good safety practices, especially electrical safety. Students completing the required coursework will receive a Certificate of Completion from the Craft Training Center of the Coastal Bend.

Instrument fitters should be able to:

- Assemble and install precise instruments that measure, indicate, transmit, record and control.
- Fit and assemble instrument parts.
- Check instruments for accuracy and calibrating to specifications.
- Install industrial instruments and equipment.
- Dismantle and re-assemble delicate mechanisms or electronic circuits.
- Overhaul instrument systems.
- Check performance using testing and measuring instruments.
- Set up and use computers and control equipment.