



CRAFT TRAINING CENTER

of the Coastal Bend

Pipefitting Course Description

This course of instruction prepares individuals for jobs as an entry-level pipefitter in the industrial, construction, and maintenance industry. Graduates may find suitable employment with construction and maintenance contractors working in industrial facilities. Students will learn to install and repair liquid and gas piping systems. Upon completion of this program, students will be able to perform work which involves selecting and preparing pipe or tubing joining it together by various means, and work which involves locating and repairing of leaks in piping systems. Students completing the required coursework will receive a Certificate of Completion from the National Center for Construction Education and Research (NCCER).

Pipefitters are responsible for installing and maintaining pipes that are mainly designed to carry water, other liquids and gases. They typically work in manufacturing, industrial and commercial locations.

Pipefitters should be able to:

- Troubleshoot and fix reported problems such as low pressure or backups caused by obstructions, cracks, holes or leaks.
- Measure and cut pipe.
- Thread pipe.
- Weld pipe.
- Mount pipes with clamps, brackets and welding equipment.
- Read and interpret blueprints.