

# WDT 115: GTAW Carbon Pipe Theory

This course is designed to provide the student with the practices and procedures of welding carbon steel pipe using the gas tungsten arc weld (GTAW) process. Emphasis is placed on pipe positions, filler metal selection, purging gasses, joint geometry, joint preparation, and fit-up. Upon completion, students should be able to identify pipe positions, filler metals, purging gas, proper joint geometry, joint preparation, and fit-up to the applicable code.

**Credits:** 3

**Lab Hours:** 2

**Lecture Hours:** 1

**Prerequisites:**

WDT 228.

**Co-Requisites:**

WDT 155.

**Program:** [Welding](#)