

WELD232W : Pipe Welding Skills and Principles in Industrial Safety

Pipe Welding Skills and Principles in Industrial Safety combines practical application and industrial safety, building on the Advanced Welding Technology Certificate. In addition to becoming proficient in pipe welding in all positions on a wide range of pipe sizes in a variety of environments, students learn multiple methods to cut, bevel, and prepare pipe for welding. Students gain the skills necessary and have the opportunity to certify in three separate ASME Pipe Welding 6G Certifications ranging from 2-6" pipe in the GTAW and SMAW processes. Additionally, students receive information and training on how to identify, abate, avoid, and prevent work-related hazards on a job site, as well as information about their rights as employees and employer responsibilities. The training covers a variety of construction safety and health hazards that a worker may encounter and is based on OSHA CFR 1926 guidelines. The course emphasizes hazard identification, avoidance, control, and prevention.

Lecture Hours 2

Lab Hours 34 **Credits** 19

Prerequisites

Advanced Welding Technology Certificate, Industrial Mechanics Certificate or POI