

Welding - Structural Welding Certificate

Program Description

The Structural Welding certificate prepares students for employment in positions requiring competency in the field of welding. Coursework may upgrade skills and assist in career advancement for currently employed welders.

Program Contacts

- Professor: Robert Smith (robert.smith@yc.edu)
- Instructional Specialist: Renee Alanis (renee.alanis@yc.edu), telephone: (928) 776-2002
- Dean: John Morgan (john.morgan@yc.edu), telephone: (928) 717-7721

Program Outcomes

Upon successful completion of the Welding - Structural Certificate program, the learner will be able to:

1. Explain and use welding safety procedures. (WLD130, WLD140, WLD145)
2. Interpret welding blueprints. (WLD156)
3. Operate oxyacetylene equipment to weld, cut, braze, and braze weld to industry requirements. (WLD130)
4. Operate shielded metal arc welding equipment to industry requirements. (WLD140, WLD145)

Program Requirements

A minimum of 16 credit hours is required to complete the Welding - Structural Certificate.

Course	Course Title	Credit Hours
WLD130	Oxyacetylene	4
WLD140	Arc I	4
WLD145	Arc II	4
WLD156	Blueprint Reading	4