

Welding - Gas Tungsten Arc Welding Certificate

Program Description

Prepares students for employment in welding positions requiring competency in the field of Gas Tungsten Arc Welding. Coursework may upgrade skills and assist in career advancement for currently employed welders.

Program Contacts

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Program Outcomes

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

1. Explain and use welding safety procedures. (WLD 130, 140, 145, 200, 250)
2. Interpret welding blueprints. (WLD 156)
3. Operate oxyacetylene equipment to weld, cut, braze, and braze weld to industry requirements. (WLD 130)
4. Operate shielded metal arc welding equipment to industry requirements. (WLD 140, 145)
5. Operate gas tungsten arc welding equipment to industry requirements. (WLD 200)
6. Order, layout, and fabricate material as required by blueprints. (WLD 250)

Program Requirements

A minimum of 24 credit hours is required to complete the Welding - Gas Tungsten Arc Certificate.

Course	Course Title	Credit Hours
WLD130	Oxyacetylene	4
WLD140	Arc I	4
WLD145	Arc II	4
WLD156	Blueprint Reading	4
WLD200	Gas Tungsten Arc Welding	4
WLD250	Welded Metal Fabrication	4