

Certificate of Specialization: Gas Tungsten Arc Welding

The Welding Technology Certificate of Specialization in Gas Tungsten Arc Welding (GTAW) provides training to gain the technical and applied skills to perform advanced welding tasks. Course work includes a comprehensive study with an emphasis on application of advanced welding techniques and industry practices. Program completers are prepared for entry-level employment into industries such as aerospace, motorsports, petrochemical, and general fabrication.

Certificate Student Learning Outcome:

Students will be able to demonstrate advanced level skills to produce quality welds in multiple welding positions using the gas tungsten arc welding process.

Units Required: 16.5

	Units:
WELD-112A Introduction to Gas Tungsten Arc Welding	2.5
WELD-112B Intermediate Gas Tungsten Arc Welding	2.5
WELD-112C Advanced Gas Tungsten Arc Welding	2.5

Required Electives:

WELD-130 Welding Metallurgy	3.0
WELD-131 Non-Destructive Testing	3.0
WELD-132 Blueprint Reading for Welders and Fabricators	3.0