

WLD - GTAI: Gas Tungsten Arc Welder TCC (replaces 5BTI: GAS Tungsten Arc Welder in the Quarter System)

The Gas Tungsten Arc Welder certificate program provides instruction in TIG welding techniques. Topics include understanding the nature and culture of the welding industry, oxyfuel cutting techniques, and TIG welding processes.

NOTE: Welders need good eyesight, hand-eye coordination, and manual dexterity. They should be able to concentrate on detailed work for long periods and be able to bend, stoop, and work in awkward positions. In addition, welders increasingly need to be willing to receive training and perform tasks in other production jobs.

Career Opportunities

Graduated may find employment as entry-level gas tungsten arc welders or related positions in the welding field.

Credit Required for Completion: Minimum of 13 credit hours

Curriculum

	Program Course	Credits
	<i>Occupational Courses</i>	
_____	WELD 1000 Introduction to Welding Technology	3
_____	WELD 1010 Oxyfuel Cutting	3
_____	WELD 1110 Gas Tungsten Arc Welding	4
	<i>Occupational Electives (3 credits from the list below)</i>	
_____	WELD 1030 Blueprint Reading for Welding Technology	3
_____	WELD 1150 Advanced Gas Tungsten Arc Welding	3