



Gas Metal Tungsten Welder (GTA1)- 16 Credit Hours

Program Description:

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. 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. Graduates may find employment as entry-level gas tungsten arc welders or related positions in the welding field. Salaries in this occupation are estimated to start at \$35,380 per year (BLS.gov May 2022).

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Website:

<https://www.westgatech.edu/program-explorer/manufacturing-and-production/welding-and-joining-technology/>

Pre-Certificate Requirements					
Program Specific					
<ul style="list-style-type: none"> Prerequisites – Minimum Grade of C required Carroll, CEC (Newnan), Douglas, Franklin and LaGrange Campus 					
Set the Track, Start the Track, Stay on Track					
<i>Meet with an Advising Coach to Stay on Track. S = Semester; CR = Credit Hours; FA = Fall; SP = Spring; SU = Summer; ALL=any semester</i>					
✓	Grade	Semester 1	S	CR	Notes & Milestones
		WELD 1000 Introduction to Welding	ALL	4	
		WELD 1010 Oxyfuel and Plasma Cutting	ALL	4	Prerequisite WELD 1000
		WELD 1110 Gas Tungsten Arc Welding	ALL	4	Prerequisites –WELD 1070
		WELD 1030 Blueprint Reading	ALL	4	Prerequisites – WELD 1000, WELD 1070 and WELD 1090
		-OR- WELD 1040 Flat Shielded Metal Arc Welding		4	
		-OR- WELD 1153 Flux Core Arc Welding		4	
				16	Program Semester Hours

Note: *If a course is full or unavailable when you to attempt to register, please select an available course from any term listed, given you have satisfied the required pre-requisite.*

Employment Opportunities: <https://www.westgatech.edu/student-life/career-services/>

Financial Aid by Program: <https://www.westgatech.edu/wp-content/uploads/2019/02/WGTC-Available-Aid-By-Program-11-17-2023.pdf>

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