



## Gas Metal Arc Welder (GM31)- 16 Credit Hours

### Program Description:

The Gas Metal Arc Welder certificate program prepares students for welding careers in the MIG process. Topics include an introduction to welding technology, oxyfuel cutting techniques, and MIG welding techniques and 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 are employable at an entry level 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-Diploma Requirements

#### Program Specific

- Min GPA 2.0
- Carroll, CEC (Newnan), Douglas, Franklin and LaGrange Campus
- Prerequisites – Minimum Grade of C required

### Set the Track, Start the Track, Stay on Track

*Meet with an Advising Coach to Stay on Track. S = Semester; CR = Credit Hours; FA = Fall; SP = Spring; SU = Summer; ALL=any semester*

✓	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 1090 Gas Metal Arc Welding	ALL	4	Prerequisites – WELD 1000 and WELD 1070
		WELD 1030 Blueprint Reading	ALL	4	Prerequisites – WELD 1000, WELD 1070 and WELD 1090
		-OR-		4	WELD 1000
		WELD 1040 Flat Shielded Metal Arc Welding		4	WELD 1000 and WELD 1090
		-OR-		4	WELD 1000 and WELD 1090
		WELD 1153 Flux Core Arc Welding		4	WELD 1000 and WELD 1090
				<b>16</b>	<b>Program Semester Hours</b>

**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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