



Advanced Shielded Metal Arc Welder (OSM1)- 12 Credit Hours

Program Description:

The Advanced Shielded Metal Arc Welder certificate program is a continuation of the basic certificate. Successful completion of FS31: Basic Shielded Metal Arc Welder is a prerequisite to admission to this program. The advanced program provides instruction in shielded metal arc welding in the overhead, horizontal, and vertical positions. 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).

Contact:

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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"> 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 1050 Horizontal Shielded Metal Arc	ALL	4	Prerequisites – WELD 1000 and WELD 1040
		WELD 1060 Vertical Shielded Metal Arc	ALL	4	Prerequisites – WELD 1000 and WELD 1050
		WELD 1070 Overhead Shielded Metal Arc	ALL	4	Prerequisites – WELD 1000 and WELD 1060
				12	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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