

*School of Trade and Technology*

# Welding and Joining Diploma WAJ2—54 Credit Hours

**Program Chair:** [scott.eidson@westgatech.edu](mailto:scott.eidson@westgatech.edu)

*Courses may rotate among the following locations: Carroll, CEC (Newnan), Douglas, LaGrange*

<input type="checkbox"/>	<p><b>**Learning Support Courses</b> (refer to Admissions evaluation). Examples include: ENGL 0998 and MATH 0091/1012</p> <p style="text-align: center;"><i>These courses are not calculated into students' institutional GPA. Learning support courses are individually assigned based on admissions testing results and program requirements. 0096 courses must be completed with the Adult Education department before starting college program—contact Admissions for questions regarding evaluations.</i></p>			
Semester 1	Occupational Course Number (credits)	Course Name	Prerequisite	Notes
<input type="checkbox"/>	**WELD 1000 (4)	Introduction to Welding	None	
<input type="checkbox"/>	**WELD 1010 (4)	Oxyfuel and Plasma Cutting	WELD 1000	
<input type="checkbox"/>	**WELD 1040 (4)	Flat Shielded Metal Arc Welding	WELD 1000	Can be taken as corequisite with WELD 1000
Semester 2	Occupational Course Number (credits)	Course Name	Prerequisite	Notes
<input type="checkbox"/>	WELD 1050 (4)	Horizontal Shielded Metal Arc Welding	WELD 1000 and WELD 1040	
<input type="checkbox"/>	WELD 1060 (4)	Vertical Shielded Metal Arc Welding	WELD 1000 and WELD 1050	
<input type="checkbox"/>	WELD 1070 (4)	Overhead Shielded Metal Arc Welding	WELD 1000 and WELD 1060	
<input type="checkbox"/>	MATH 1012 (3)	Foundations of Mathematics	Diploma program admission level math competency	

**\*\*First term suggestion:** All assigned learning support and/or MATH 1012, WELD 1000, 1010, and 1040

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Semester 3	Occupational Course Number (credits)	Course Name	Prerequisite	Notes
<input type="checkbox"/>	WELD 1090 (4)	Gas and Metal Arc Welding	WELD 1000 and WELD 1070	
<input type="checkbox"/>	Occupational Elective (3)	Choose from Occupational Electives below	See Below	WELD 1153 is recommended
<input type="checkbox"/>	ENGL 1010 (3)	Fundamentals of English I	Diploma program admission level writing and reading competency	
<input type="checkbox"/>	EMPL 1000 (2)	Interpersonal Relations and Professional Development	None	
Semester 4	Occupational Course Number (credits)	Course Name	Prerequisite	Notes
<input type="checkbox"/>	Occupational Elective (3)	Choose from Occupational Electives below	See Below	
<input type="checkbox"/>	WELD 1110 (4)	Gas Tungsten Arc Welding	WELD 1070 and WELD 1090	
<input type="checkbox"/>	WELD 1120 (4)	Preparation for Industrial Qualifications	WELD 1040, WELD 1070, WELD 1090 and WELD 1110	
<input type="checkbox"/>	WELD 1030 (4)	Blueprint Reading	WELD 1000, WELD 1070 and WELD 1090	

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Occupational Course Elective (credits)	Course Name	Prerequisite	Notes
Choose at least 6 credits from the list below:			
WELD 1150 (3)	Advanced Gas Tungsten Arc Welding	WELD 1000 and WELD 1110	
WELD 1153 (4)	Flux Cored Arc Welding	WELD 1000 and WELD 1090	Includes one additional credit more than required for program completion
COMP 1000 (3)	Introduction to Computer Literacy	None	

This program is eligible for Federal Aid including Pell Grant and federal student loans and may be eligible for Institutional and State Financial Aid. Contact the Financial Aid office for eligibility requirements and application materials.

As set forth in its student catalog, West Georgia Technical College does not discriminate on the basis of race, color, creed, national or ethnic origin, gender, religion, disability, age, political affiliation or belief, genetic information, disabled veteran, veteran of the Vietnam Era, or citizenship status (except in those special circumstances permitted or mandated by law).