



WELDING

Ignite a Spark!

All Welding Courses qualify as part of the YES Program

OCCUPATIONAL CERTIFICATIONS

Basic Shielded Metal Arc Welder - Courses

WELD 1000	Intro to Welding Tech
WELD 1010	Oxyfuel Cutting
WELD 1040	Flat Shielded Metal Arc Welding

Advanced Shielded Metal Arc Welder (builds on the Basic Certificate) - Courses

WELD 1050	Horizontal Shielded Metal Arc Welding
WELD 1060	Vertical Shielded Metal Arc Welding
WELD 1070	Overhead Shielded Metal Arc Welding

Gas Metal Arc Welder - Courses

WELD 1000	Intro to Welding Tech
WELD 1010	Oxyfuel Cutting
WELD 1090	Gas Metal Arc Welding
WELD 1040	Flat Shielded Metal Arc Welding

Gas Tungsten Arc Welder - Courses

WELD 1000	Intro to Welding Tech
WELD 1010	Oxyfuel Cutting
WELD 1110	Gas Tungsten Arc Welding
WELD 1040	Flat Shielded Metal Arc Welding

Welder (builds on the Gas Tungsten Arc Welder) - Courses

WELD 1150	Advanced Gas Tungsten Welding
WELD 1151	Fabrication Process
WELD 1152	Pipe Welding

Vertical Shielded Metal Arc Welding Fabricator - Courses

WELD 1050	Horizontal Shielded Metal Arc Welding
WELD 1060	Vertical Shielded Metal Arc Welding
WELD 1040	Flat Shielded Metal Arc Welding



706.485.9971

katherine_reid@putnam.k12.ga.us
donna_silva@putnam.k12.ga.us



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Minimum Compass Score

Reading.....70
English.....32
Math.....26

If a student takes advantage of all of the Welding and Academic courses listed, they can graduate from PCHS with not only a high school diploma, but also with multiple welding certificates as well as 41 hours of credit towards a 50 credit hour Welding and Joining Technology Diploma.

WELDING AND JOINING DIPLOMA

Core Courses		Certification Credit	Academic Credit
EMPL 1000	Interpersonal Relations Pro Development		Y
ENGL 1101	English Composition 1		Y
MATH 1101	Math Modeling		Y
COMP 1000	Intro to Computers		
WELD 1000	Intro to Welding Tech	Y	
WELD 1010	Oxyfuel Cutting	Y	
WELD 1110	Gas Tungsten Arc Welding	Y	
WELD 1030	Blueprint Reading for Welding Tech		
WELD 1040	Flat Shielded Metal Arc Welding	Y	
WELD 1050	Horizontal Shielded Metal Arc Welding	Y	
WELD 1060	Vertical Shielded Metal Arc Welding	Y	
WELD 1070	Overhead Shielded Metal Arc Welding	Y	
WELD 1090	Gas Metal Arc Welding	Y	
WELD 1111	Gas Tungsten Arc Welding	Y	
WELD 1120	Preparation for Industrial Qualifications		

Occupational Courses*		Certification Credit
WELD 1020	Oxyacetylene Welding	
WELD 1150	Advanced Gas Tungsten Arc Welding	Y
WELD 1151	Fabrication Processes	Y
WELD 1152	Pipe Welding	Y
WELD 1153	Flux Core Arc Welding	
WELD 1154	Plasma Cutting	
WELD 1156	Ornamental Iron Works	
WELD 1330	Metal Welding & Cutting Techniques	

*Choose a minimum of 3 hours from the Occupational Courses.



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