



GREAT BASIN COLLEGE DUAL CREDIT ACADEMY

Agricultural Welding, Power, and Structure

Do you love working with your hands, building things, and working with powerful machines? The Career & Technical Education (CTE) pathway in Agricultural Welding, Power, and Structure can lead to awesome, high-demand careers that keep the world running! With skills in welding, fabrication, and equipment operation, you can start a career as a welder, metal fabricator, or agricultural equipment technician - jobs that are needed in ranching, farming, construction, and manufacturing. If you like designing and building, you can work in irrigation systems, or ranch infrastructure. Many students enter the workforce right after training, while others who continue their education at Great Basin College become certified welders, mechanics, or with further education - engineers. Whether you dream of fixing tractors, constructing barns, or welding custom projects, this hands-on career pathway offers great pay, job security, and the satisfaction of creating something real!

Great Basin College Post-Secondary Options

AAS in Diesel Technology

AAS in Electrical Systems

AAS in Welding Technology

Certificate of Achievement in Instrumentation Technology

Skills Certificate in Diesel Technology

Skills Certificate in Electrical Systems

Skills Certificate in Welding Technology

Course Schedule

CTE College Credit Pathway (with potential for articulated credit)

Year 1 Ag Welding, Power and Structure I

Year 2 Ag Welding, Power and Structure II

Dual Credit Courses to complete if articulated credits are not earned.

GBC Course	Title	GBC Course	Title
BUS 110	Human Relations for Employment	WELD 110	Basic Arc Welding Principles and Practices
DT 100	Shop Practices	WELD 220	Gas Metal and Flux Cored Arc Welding

	GBC Course	Title	GBC Course	Title
Year Three - Fall	THTR 204	Theater Technology I	PSC 101	Intro To American Politics
Year Three - Spring				
Year Four - Fall	ENG 107	Technical Communications I		
Year Four - Spring	ENG 108	Technical Communications II	MATH 116*	Technical Mathematics I

* Visit with your high school counselor to discuss MATH courses.

Extra Opportunities

Students who earned their skills certificate by passing the CTE end of course exam will be awarded one point toward their limited entry admission application for the GBC Industrial Maintenance or Electrical program.

Visit with your high school counselor or contact dualcredit@gbcnv.edu for more information.