

Agriculture, Food and Natural Resources

Programs of Study: Agricultural Technology and Mechanical Systems (Welding)

Chapter 127. Texas Essential Knowledge and Skills for Career Development and Career and Technical Education Subchapter C. Agriculture, Food, and Natural Resources

	1st Six Weeks	2nd Six Weeks	3rd Six Weeks	4th Six Weeks	5th Six Weeks	6th Six Weeks
Introduction to Ag Welding	Professional Skills and Employability	Tools and Equipment	Cold and Hot Metal Techniques - Part 2	Metal Fabrication Project Planning (5 Plans)	Project Plan Application and Evaluation 2	Project Plan Application and Evaluation 4
	Workplace Safety: OSHA Certification	Cold and Hot Metal Techniques - Part 1		Project Plan Application and Evaluation 1	Project Plan Application and Evaluation 3	Project Plan Application and Evaluation 5
Ag Welding 1	Communication and Employability Skillss	Applied Math in Welding	SMAW Equipment and Set-up	D1.1 Welding Certification Preparation	American Welding Society (AWS) Certification Preparation	Certified Welder (CW) Certification Preparation
	Safety in Construction and Manufacturing	Reading Construction Drawings				
	Welding Industry and Shop Safety	SMAW Equipment and Set-up				Prep for Welding 2
Ag Welding 2	Communication Skills	GTAW Equipment and Filler Metals - Part 2	Welding Symbols	Advanced Welding Project 2	Advanced Welding Project 4	Advanced Welding Project 6
	Emplayability Skills		Reading Welding Detail Drawings			
	Crew Leadership in the Welding Industry					
	GTAW Equipment and Filler Metals - Part 1	Joint Fit-Up and Alignment	Advanced Welding Projects 1	Advanced Welding Project 3	Advanced Welding Project 5	Career Readiness and Job Search