

Guthrie Public Schools

Teacher/Course: Ag Mechanics

Grade Level: 10-12

Week	Pass Standard/Course Objectives	Pass Skills	Assessments	Activities/Resources	Specialized Vocabulary
1-2	Shop Safety		Test	Ag Mech Curriculum	Correct spelling of tools
2-6	ARC Welding		Welds	Welding Curriculum	Joint Welds
6-10	Oxyacetylene cutting		Cuts	Cutting Curriculum	Torch parts & settings
11-14	MIG Welding		Welds	Welding Curriculum	Wire settings & temperature
15-16	Plazma Cutting		Cuts	Cutting Curriculum	Air & electric settings
17-18	Brazing		Braze plates	Brazing Curriculum	Acetylene & oxy settings
18-21	Plazma Cam		Test	Computerized cutting CD's	Computer settings
21-38	Project Work & CDE Events	Math	Completed projects & team competitions	Constructing new and revamping old projects CDE contests on Apr 7, 8, 14, and 24	Measurements & welding skills learned, tool ID and mechanical skills