

Intro to Welding		
Standards	Fall Semester	
Common Career Technical Core Standards	Topics Covered	Number of Days
AG-3	Class syllabus, class/shop procedures and shop tour	1 Week
AG-3	Safety Examine and summarize the importance of health, safety, and environment management systems in Agriculture, Food & Natural Resources (AFNR) activities	4 weeks
AG-5	Describe career opportunities and means to achieve those opportunities in each of the Agriculture, Food, & Natural Resources Career Pathways. W1 Test	1 Week
AG-PST-1, 2, 3 Metals	1. Apply physical science principles and engineering applications to solve problems in AFNR power, structural, and technical systems. 2. Operate and maintain AFNR mechanical equipment and power systems. 3. Service and repair AFNR mechanical equipment and power systems. Students will be SMAW welding. They will start in the flat position using both left and right hands. Then they will perform a visual test in order to move on to the next position (Horizontal, Vertical up, Vertical down and finally Overhead). W2 and S1 Tests	12 Weeks