Ag. Structures

Mr. Rudloff

This course will prepare students for a career in the field of Agricultural Mechanics. It is designed for students already containing a basic knowledge of SMAW welding (stick), GMAW welding (mig), and Oxy-Fuel systems. The course also includes planning, designing, and building of agricultural structures.

Six weeks grades will be determined as follows:

**Daily Average: 30%**

**Quiz: 10%**

**Major Projects/Exams: 60%**

**100%**

Items that make up **Daily Average** are oral and written assignments, quizzes, warm-ups, skill demonstrations, individual and group projects, and class participation. Students are required to

**Exams/Projects** will be based on the material that has been covered during that six weeks. The information for these exams and projects will be taken directly from the handouts, notes, lectures, and video clips from that class. In addition, students are responsible for the construction, design, and workmanship of projects in earning their Exam grades.

**Appropriate Clothing and proper use of safety equipment is mandatory for this class at all times. Failure or refusal to dress to appropriate shop standards or improper use of safety equipment will be grounds for a student’s failure of the course and/or removal from this class.**

**Course Topics:**

1. Safety
2. Oxyfuel Processes
3. Welding
4. Electrical Wiring
5. Agricultural Construction
6. Construction Planning and Design

**Certifications:**

Students enrolled in this class will be given the opportunity to complete industry certifications in AWS D1.1 and D9.1 Welding.

**Conference Period: 8th Period 3:15 – 4:15**

**Office Hours: 7:15-7:45am and 4:15-4:30pm**

**Contact Information:**

**Email:** [**brudloff@cocisd.org**](mailto:brudloff@cocisd.org)

**Phone: 936-653-1120**