**Agricultural Equipment Design and Fabrication**

**Course Syllabus**

**Subjects Covered:**

1. Demonstrate professional standards/employability skills required by business and industry,
2. Develop a supervised agriculture experience program,
3. Demonstrate principles of design and fabrication related to agricultural machinery and equipment,
4. Plan, construct, and maintain fences, corrals, and other agricultural enclosures,
5. Demonstrate construction techniques related to design and fabrication of agricultural equipment, and
6. Demonstrate knowledge of laws and regulations related to the construction, design, and fabrication of agricultural equipment.

**Grading:**

17% Six Weeks Test

 17% Record book\*

 33% Tests & Projects

 33% Daily & Participation

 \*State Law requires Record Books for every student in designated Agriculture Science classes. Therefore, failure to complete a Record Book will result in loss of credit for the class, even if you have an A average.

**Projects:**

 Students will complete various projects throughout the year that develop the skills covered in classroom instruction. Emphasis will be put on safe work practices, and development of proper work habits and skills. Each student is expected to participate in each of the project construction steps, and obey all shop safety rules. Failure to do so will result in an unsatisfactory participation grade for that day.

**Materials:**

 Each student will be required to bring pen and paper to class every day, unless previously notified by the teacher.