Ag Fabrication & Engineering
Syllabus

Joe Parker
CTE Department Room V-10
joparker@gcboe.us

Course Description:

Ag Fabrication and Engineering is a fourth level ag class in which students will refer back to previous skills learned in ag mechanics and ag power and equipment to deepen their understanding of topics such as wood working, power tools, welding, metal working, and projects management. Since this is primarily a shop class, proper PPE (personal protection equipment) must be worn at all times in the ag shop.

Classroom Rules and Expectations/Discipline Policy:

1. Be on time to class
2. Tardiness is not tolerated
3. Being chromebooks, composition book, and pencils or pens to class each day
4. No cellphones period (refer to school board policy)
5. Absolutely no tobacco or drug use!!!
6. Safety glasses must be worn at all times in the ag shop
7. Students will wear closed toed shoes on day we are in the shop

Grading Policy:

1. 93-100 A
2. 85-92 B
3. 77-84 C
4. 70-77 D
5. 69 and below F

Make-up work policy:

All students will have the opportunity to make up work missed while absent, however a student is responsible for asking me for the makeup work.

Cheating:

1. First attempt zero on the assignment
2. Second attempt office referral

Instructional Materials:

I will make instructional materials available for review within 10 days of a written parental request.

Classroom Supply List:

- 1 three ring binder
- Closed toed shoes on days we are going to the shop

Major Assignments and Field Trips (if applicable):

During the semester, we will have various shop projects. All students will have time in class to complete and turn in assigned projects.

Standards/Topics Covered & Course Calender:

- Safety
- Occupational research and awareness
- Project planning and management
- Precision measurements and management systems
- Drainage and irrigation Systems
- Structural Systems: Environmental Impacts, Efficiency, and Certifications
- Agricultural Fertilizers and Chemicals
- Capstone Project