

# Agricultural Structures Design & Fabrication

Syllabus 2023-2024

7<sup>th</sup>-8<sup>th</sup> Period

Mr. Myers, Ag Shop (Room 409)

[myerhu@grisd.net](mailto:myerhu@grisd.net)

1st Period Conference 7:55-8:44

## Introduction to course:

(Ag Mechanics Level II) This course prepares students to evaluate, design and construct agricultural structures. Students learn to design, evaluate and interpret construction plans and calculate a bill of materials. The skills learned in the Agricultural Construction Skills course may be incorporated to construct an agricultural structure. Content may be enhanced with appropriate computer applications. Leadership development will be provided through FFA. Each student will be expected to have an agricultural experience program.

## Materials Needed:

1. Pen, pencils, notebook.
2. **CHARGED** MacBook. (I **DO NOT** keep extra phone or MacBook chargers)
3. Proper PPE (Obtained by **August 24**) (Check out non-clothing items later in year)
  - a. **Close toe leather shoes/boots**
  - b. **Full length jeans (no frays/holes)**
  - c. **Long sleeve 100% cotton shirt** (button-down, or Rasco/Carhartt style long-sleeve tee)
  - d. **Earplugs (GRHS provided)**
  - e. **Safety glasses (GRHS provided)**
  - f. **Welding hood (GRHS provided; recommended to bring your own)**
  - g. **Welding gloves (GRHS provided; recommended to bring your own)**

## Optional Materials:

The following items are optional, but recommended for you to purchase on your own.

1. Welding hood
2. Safety glasses
3. Welding gloves
4. Work gloves
5. Any hand tools or other items

Lockers are available to store materials **HOWEVER**, your student may have to share a locker with another student. The agriculture science teachers are **NOT** responsible for these items going missing.

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## Grading Policy:

Please refer to the Glen Rose ISD Handbook / Grading Policy

- Weekly participation sheet, will be explained in class - 25%
- Daily work (pop quizzes, iCEV, paperwork) – 25%
- Shop projects and tests – 50%
- The number of assignments will be based upon the difficulty of our shop projects.

## Shop and Classroom Rules:

Please refer to the Glen Rose ISD Handbook / Code of Conduct

## Mr. Myers's Rules:

1. Be respectful (two-way street)
2. No hats, caps, cover in classroom: **UPDATED 2022-2023: ZERO TOLERANCE**
3. No going to parking lot: **UPDATED 2022-2023: ZERO TOLERANCE**
4. Refer to whiteboard **in my office window** for daily instructions (shop= **SHOP** ; classroom= **CLASSROOM**)
5. When changing into PPE clothes **LADIES** will change in assigned locker room in Mr. O'Quinn's shop; **GENTLEMEN** will change in the Ag Mech shop locker room.
6. Clean the shop. Every day. No exceptions!!
7. Be teachable (I am here to help you)
8. Make the most of my time and yours. Take a piece of knowledge with you when you leave, even if you arrived with none.

## Additional Information:

Contact Mr. Myers

- [myerhu@grisd.net](mailto:myerhu@grisd.net)
- Call or text: (940) 577-3459