

Agricultural Mechanics & Metal Technologies

Syllabus 2023-2024

3rd, 4th, and 6th Periods

Mr. Myers, Ag Mechanics Shop (Room 409)

myerhu@grisd.net

1st Period Conference 7:55-8:44

Introduction to course:

(Ag Mechanics Level I) Agricultural Mechanics and Metal Technologies is designed to develop an understanding of agricultural mechanics as it relates to safety and skills in tool operation, electrical wiring, plumbing, carpentry, fencing, concrete, and metal working techniques. To prepare for careers in agricultural power, structural, and technical systems, students must attain academic skills and knowledge; acquire technical knowledge and skills related to power, structural, and technical agricultural systems and the industry; and develop knowledge and skills regarding career opportunities, entry requirements, industry certifications, and industry expectations. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer knowledge and skills and technologies in a variety of settings.

Materials Needed:

1. Pen, pencils, notebook.
2. **CHARGED** MacBook. (I **DO NOT** keep extra phone or MacBook chargers)
3. Proper PPE (Obtained by **August 23**) (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
- Call or text: (940) 577-3459