

# **Ag Mechanics & Structures of Design**



**Instructor: Mrs. Kori Mraz**

**mrazk@shinerisd.net**

**Remind: text shinerff to 81010**

## **FFA**

**Enrollment in this course gives students the opportunity to join Shiner FFA. It is highly encouraged that students take advantage of this membership in a premier leadership organization. Information about Shiner FFA will be presented in class, on web page, Remind, and multiple other outlets.**

## **Supplies**

- Something to write with
- 2 in Binder
- 3 dividers labeled notes, daily grades, tests

## **Personal Protective Equipment (PPE) Clothing Requirements:**

Certain clothing/ protective wear is **required** for this course. Lockers are assigned to you, so you can store the items. All of the items can be found at Walmart, Goodwill, Academy, or your home!

## **YOU MUST PROVIDE THESE ITEMS:**

- Full Leather Shoes or Work Boots. **NO** open toe, tennis shoes, Dudes, Converse, or deck shoes (Sperry's) are to be worn.
- Long Sleeve, **Thick** Cotton Shirts (ex: Wrangler or Dickies Work Shirt)
- Denim Jeans – no frayed spots or holes in them
- 1 pair of gauntlet style welding gloves

## **Provided in class but an optional purchase:**

- Welding Hood
- Safety Glasses

# Parent and Student Form

## Ag Mechanics/Structures

Email: [mrzk@shinerisd.net](mailto:mrzk@shinerisd.net)

Dear Parents/Guardians,

I would like to introduce myself and welcome you into our Agriculture Department. My name is Kori Mraz. We are honored to have the opportunity to work with your child. We would like to invite you to contact us at any point throughout the year with any questions or concerns you may have. It is my belief that every child has the potential to achieve whatever they set their mind to and we are striving to empower our students so that they can achieve their goals. We are asking our students to give a total effort to achieve success, and we, as educators, are giving our total effort to ensure success. The parents' role in a child's educational process is most important and often overlooked. We encourage you to become involved and support your child's involvement in the program and our activities. The praise and encouragement given at home will truly aid the student in believing in him or herself.

**Please take a moment to review the information provided with your son or daughter.**

**The purpose of this class is designed :** to provide students with entry-level job skills in the agricultural mechanics industry. This course is designed to develop an understanding of agricultural mechanics as it relates to safety and skills in tool operation and metalworking techniques.

The course goals are that by the end of the year, students will be able to:

- Have an understanding of the agriculture industry practices and standards.
- Acquire knowledge of shop equipment and the skills to operate shop equipment safely and successfully
- Understand and demonstrate communication and leadership skills
- Apply mathematical, organizational skills, and problem solving skills to complete any task at hand.
- Acquire knowledge and skills related to :
  - Measuring and Marking, Tool Identification and use, and Metalworking Techniques.

### **SAFETY**

- Your student will be working with various tools, machines and equipment in the shop, therefore safety is our top priority.
- Safety is a must and students will be required to follow ALL safety rules at ALL times and failure to do so will result in disciplinary action. Failure to follow the safety rules can result in minor abrasions, severe injuries, and possible death.

- Before students are permitted to enter the shop they must take and pass a shop safety exam earning a 100%.
- Students that are unsafe will be removed from the shop/classroom.

## **Shop Rules**

1. Absolutely no horseplay.
2. Wear safety glasses and proper PPE at all times.
3. Long hair should be tied back at all times while working in the classroom/lab.
4. Wear no loose clothing during labs. Watch sleeves particularly.
5. Remove all jewelry.
6. Do not use any tools/equipment until you have been instructed in its safe use and given permission by the instructor.
7. Always keep the tools/equipment on the table unless instructed otherwise.
8. Give the tools/equipment your undivided attention when operating.
9. Do not distract the attention of an operator in any manner.
10. Have the instructor check any "special set-up" before handling any tools/equipment.
11. Wait until cutting edges (scissors, knives, saws etc.) come to a complete stop before making adjustments.
12. Before leaving a machine, be sure that cutter heads and/or blades have come to a dead stop. Do not attempt to stop the machine by jamming with stock. If the machine is equipped with a brake, use it.
13. Do not use the fingers to remove scrap stock from near a blade on any tool/ equipment.
14. Keep the floor clean of all scrap, especially used foam, scrap paper, and any extra material that may be flammable.
15. Do not run or yell in the shop; these actions are reserved for emergencies.
16. Tools/ equipment must not be operated unless a supervising instructor is present.
17. DO NOT throw any objects in the classroom or shop.
18. Report ALL injuries, no matter how slight, to the instructor and fill out an incident report.
19. Take your time when working with tools/equipment. Most accidents happen by not following instructions or by trying to do things too fast.
20. NO CELL PHONES/EARBUDS OR ELECTRONIC DEVICES ARE ALLOWED IN THE SHOP AREA.
21. Must pass a safety test with a **100** before working in the shop/Lab Area.

Respectfully,

Mrs. Mraz

## **Understanding Form**

**(Please return ONLY this form to Ms. Landman)**

**Student Name:**\_\_\_\_\_ **Period:** \_\_\_\_\_

**Please print clearly**

Please return this sheet to Ms. Landman signed and dated by you, the student, and your parent/guardian before or on the due date, which is August 16, 2024

As a student, I have read and understood this form. I know what is expected of me and agree to abide by all safety rules.

**Student's Signature:**\_\_\_\_\_ **Date:**\_\_\_\_\_

As a parent/guardian, I too have read and understand what is expected of my child in Ms. Landman's class and in the shop. I realize that if my child fails to abide by these expectations/guidelines and rules, he/she may be suspended from class or assigned other penalties.

**Parent/Guardian:** \_\_\_\_\_

**Parent/Guardian Signature:** \_\_\_\_\_ **Date:**\_\_\_\_\_

**Parent/Guardian Phone Number:**\_\_\_\_\_

**Parent/Guardian Email address:**\_\_\_\_\_

**Parent Notes:** \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

