

## **Advanced Animal Science**



**Instructor: Ms. Amberly Sunvison**

**sunvisona@shinerisd.net**

**Remind: 81010 @3k2e342**

### **Course Description**

This course examines the interconnected nature of human, scientific, and technological dimensions of livestock production and animal science. Instruction is designed to allow for application of scientific and technological aspects of animal science through field and laboratory experiences for a 4<sup>th</sup> year science credit. This course will include supervised labs to allow students to gain hands-on experience. Please let Mrs. Sunvison know of any allergies (pet dander, latex, ect.)

### **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 101, and multiple other outlets.**

### **Supplies**

- Pens & Pencils... All Day, Every day.
- 3 Ring Binder

### **Supervised Agricultural Experience: Learning by Doing**

Each student is required to develop an SAE, and document in AET. While working on an SAE project, students learn to apply the concepts and principles taught in their agriculture classes to real-world problems and scenarios. A student selects an SAE project based on his or her interest. SAE's are a key component of agricultural education and will be discussed more in depth during class.

### **Late, Missing or Incomplete work**

- Late work is defined as not being submitted on the day that it is due, as assigned by the teacher. Work will be accepted until the end of the school day, and online assignments will be accepted until 3:25 pm of their due date.
- Work that is turned in Incomplete, without an excuse, will be graded as-is

**Advanced Animal Science §130.10**

## ***Course Outline***

- FFA/SAEs
- Scientific Method
- Lab Safety
- Welfare and Policies
- Poultry
- Livestock Evaluation
- Anatomy and Physiology
- Reproduction
- Pathology
- Nutrition and Feeding
- Genetics and Biotechnology
- Livestock Harvesting
- Livestock Marketing
- Employability

## **Classroom Expectations**

1. **RESPECT. EVERYONE**, ALL of the time, **NO EXCEPTIONS**.
2. Strive for Excellence in EVERYTHING that you do!
3. Cell phones are ONLY allowed during class time IF instructed to use it. If I see it when it is not required, I will take it up. This is your one & only warning.
4. Everyone must complete ALL work that is assigned. Taking ownership of your assignments & learning is EXPECTED.
5. EVERYONE must help with maintaining the order of the room and clean area before leaving.
6. Do not be LATE or OUT OF DRESS CODE. This is a school expectation that I will uphold in my classroom. Strictly. Ladies be ladies and young men should act like gentlemen.

## **Discipline**

- Students who break any classroom rules, have 2 or more late/missing assignments, or demonstrate excessive disruptive behavior will initially receive a teacher detention & a parent will be contacted.

## **Grading:**

- Daily grades: 10%, - Labs: 30%, - Projects: 30%, - Tests 30%

## **Agreement/Contract**

Please read, sign and return the last page

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

Email: \_\_\_\_\_

Parent Phone # \_\_\_\_\_

Dear Parent/Guardian of \_\_\_\_\_,

Your child is enrolled in the Advanced Animal Science class at Shiner High School. This course will be classroom and laboratory-based, where the students will have the opportunity and exposure to various live animal models and practice the associated skills that accompany the course.

As with all laboratory classes, there is always a certain level of risk associated with the animals being used. Your child will be exposed to animals and procedures such as:

- Examining teeth, hooves, eyes, ears and miscellaneous internal organs of livestock
- Working with needles and scalpels
- Restraining livestock

At Shiner High School, we try our best to promote a safe learning environment and will not tolerate any unsafe behavior around the animals. The laboratory is a place for learning valuable skills that can be used in various animal fields. If you have any questions, please feel free to contact me by email.

I, \_\_\_\_\_, (student) have read the course syllabus and understand all the terms and conditions for enrolling in Animal Science. I agree to abide by the class rules and expectations. I agree to have a fun-filled learning experience!

I, \_\_\_\_\_, the parent of \_\_\_\_\_ have read the course syllabus and understand all the terms and conditions for my child to enroll in Animal Science.

Parent Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Student Signature: \_\_\_\_\_ Date: \_\_\_\_\_