**Livestock Production 2017-2018**

**Contact Information**

Mrs. Kellye Marshall

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Conference Hours: By Appointment

Welcome to the Agriculture Science Department at Lufkin High School!

**The Panther Way:**

Be Prompt! Be Prepared! Be Productive! Be Polite! Be Patient!

**Course Outline:**

This is an animal science course designed to expand your understanding about livestock management and animal physiology. This course was developed to teach you knowledge and skills related to animal systems and the workplace, career opportunities, entry requirements, and industry expectations. We will cover but not limited to: beef cattle, dairy cattle, swine, sheep, goats, and poultry.

**Topics**: These topics will be covered at varying levels and depths, as they relate to agriculture, food, and natural resources, throughout the school year.

1. Characteristics of a Successful Employee
2. Supervised Agriculture Experience Programs
3. Perform Technical Skills Related to Livestock Production
4. Anatomy & Physiology of Domesticated Animals
5. Nutritional Requirements of Ruminant & Non-Ruminant Animals
6. Animal Genetics & Reproduction
7. Animal Pests & Disease
8. Factors Impacting Commodity Prices & Costs
9. Plan for a future changes in Agriculture

**Agriculture Education has three components:**

1. **Classroom**: this is based on the topics covered for this class experience.
2. **FFA:** The Future Farmers of America is one of the largest national youth organizations. Through the FFA students have the opportunity to participate in numerous leadership and career development contest. **FFA member ship is encouraged for all students that are enrolled in Agriculture Science Courses.**
3. **SAE (Supervised Agriculture Experience):** An SAE allows students the opportunity to apply the knowledge and skills learned in a classroom setting. According to TEKS (state standards) every student must have an SAE project. SAE’s will be covered during the 1st two weeks of the course so you will have a better understanding of this portion of agriculture education.

**Materials Needed For This Class:**

Note taking materials (examples: Composition Book, Folder with pockets, spiral, 3 ring notebook)

Pens and/or Pencils

\*Note if you are not prepared for class you ARE NOT allowed to have your cell phone out at any time!

Optional Items: Crayons, colored pencils, scissors, glue stick (these can be items shared among your other classes.)

\*A 100 Daily grade will be given if you contribute one of the following items: GermX, Kleenex

**Grading System:**

Grades will be determined by the following criteria:

Daily/Participation/Quizzes: 40%

Exams/Labs: 60%

Late work will be -10 points /each day late

Extra Credit opportunities will be available throughout the nine weeks

**Make up Policy:**

The student will have as many days as they were absent to make up the assigned work. Pop quizzes given during class will not be counted against the student if they were absent, but any written work or notes are the student’s responsibility to obtain. The student must also contact me when they return so I can give them instructions of what they missed in my class.

**Notebooks/SAEP Record Books:**

The student will keep an electronic journal or log of their classroom hours and what they have participated in over the nine weeks. Each three weeks they will receive a grade on completeness, neatness, and on how much they elaborated. These record books are part of the grading rubric and more information will be given in greater detail during class.\*\*Bonus Point will be given for work done outside of classroom hours. Example: LDE/CDE contest, SAE Project, committee work, etc\*\*

**FFA Membership:**

FFA membership is **highly recommended** while enrolled in an Agricultural Science course. **FFA is CO-curricular NOT extracurricular!** The student will have the opportunity to get involved with the community, gain leadership experience, and have to opportunity to conduct a supervised agricultural experience. We will be exploring career opportunities in Livestock Production, and through FFA the members are also exposed to other career opportunities and can find out their strengths and weaknesses. This is also a great organization to start a network of people for when you get ready to continue your education, job references, or even possibly they can help you find a job in your field. \*\*2 points added to final semester grade for being a member & Bonus Points (2) for attending each FFA Chapter Meeting to a daily grade\*\* **Membership is $20**…please send cash or make checks payable to LHS Activity Fund with a Driver’s Lic. and phone number on the check. A receipt will be given at the time of payment! ☺

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

Student Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Date:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_