Advanced Animal Science

*Course Syllabus*

**Instructor:** Mr. Josh Blair

**Contact Information:**

Email: jblair@neisd.net

School Phone: 210-356-1411

Website: <http://ampwildlife.weebly.com/contact.html>

Tutoring: Tuesday- 8:00-8:45am

Wednesday- 4:30-6:00pm

**Course Description:**  To be prepared for careers in the field of animal science, students need to attain academic skills and knowledge, acquire technical knowledge and skills related to animal systems, and develop knowledge and skills regarding career opportunities, entry requirements, and industry standards. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer their knowledge and skills in a variety of settings. This course examines the interrelatedness of human, scientific, and technological dimensions of livestock production. Instruction is designed to allow for the application of scientific and technological aspects of animal science through field and laboratory experiences.

**Grading Guidelines:** There will be a **minimum** of 9 daily grades and 3 major grades per 9 weeks. Daily grades will consist of quizzes, worksheets, bookwork, class participation activities, record books, and some labs. Major grades will consist of tests, projects, and some labs.

**Class Content:**

During the course of this year, we will cover a wide range of topics concerning animal sciences. We will be using the Case Curriculum for this course.

* Opportunities in Animal Science Careers
* Genetics
* Animal Health
* Animal Products
* Animal Marketing
* Animal Selection
* History and Use of Animals
* Animal Handling and Safety
* BioSecurity
* Cells and Tissues
* Animal Nutrition
* Animal Reproduction

**Materials Needed:**

You will **NEED TO BRING A FOLDER** with brads and paper to leave in the classroom (your folder is going to count as your first grade in this course). Come prepared to class EVERYDAY! In addition to the following, other materials may be called for throughout the school year:

* Folder (With Brads)
* 2 Spiral Notebooks
* 1 Package-White Cardstock
* Coloring Utensils (Pencils/Crayons)

**Record Books:**

The Texas Education Agency requires that students taking Agricultural Science classes maintain a record book. Every student in the class will have an electronic record book assigned to them. You will be given time in class to work on it, however, you will also have access from any computer with internet service. All students are expected to keep the record book current. This will be a grade. **Note: Record Books are NOT optional.**

**Grading Scale:**

Grades will be determined based on Madison High School grading policy.

**20%**- Test/Quiz

**30%**- SAE Record Book

**10%**- Professional Career Standards

**20%**- Daily/Homework

**20%**- Project/Lab Work

**Class Work:** All daily class assignments (not homework) are due during a given class period, as assigned. Any incomplete class work will be graded accordingly.

**Make Up Work:** Make up assignments and/or tests will be available to students after an absence, **BUT it is the student’s responsibility to get the work from the teacher**. For every day the student is absent, that is the amount of time they have to complete the assignments. If it is not completed in the allotted time, it falls under the guidelines of late work.

**Student Expectations:**

1. **Be prepared.** Students are expected to bring their folder, notebook/loose leaf paper, a pen or pencil to class each day.
2. It is the **student’s responsibility** to obtain make-up work for days absent. Students will have one day plus the number of days absent to turn in missed work. All missed work can be found online or from your instructor.
3. This course is designed to be a hands-on course with a large amount of time working on labs, projects or agriculture techniques. Since some labs are difficult to recreate, absence should be avoided if possible.
4. Students are expected to work in a manner that is respectful of everyone in the classroom with the learning and safety of others as well as themselves to be of top priority at all times. Respect one another’s opinions and listen to each other as a professional team member. Soft skills will suffer significantly if you are late in completing assessments.
5. Students are expected to be productive and always strive to work to the best of their ability.
6. **Be punctual.** Students are to be in their seats when the bell rings and ready to get to work. If a student is tardy three or more times, he/she will be issued a detention to make up time.
7. **Participate!** Group work is a part of this course. Lab groups will be assigned but students will have the opportunity to work with a variety of people throughout the class. It is important that each student do his/her part in order to have a successful lab and a good final product.
8. Check the white board for instructions each day.
9. **No food or drink** will be allowed in the classroom without the direct permission of an instructor.
10. Written assignments must be completed on your own unless otherwise instructed.
11. Cell phones, iPods, mp3 players and any other cellular or digital device that is not a requirement for class should be put away.

**Power Standards:**

1. All students will demonstrate and apply appropriate safety and hygiene practices.
2. All students will consistently demonstrate professional soft skills necessary to gain and maintain employment (Collaboration, Respect, and Work Habits).
3. Students will problem solve and communicate effectively with one another.
4. Students will follow directions and apply agricultural knowledge and techniques.

**Class Updates/Reminders**

*Parents & Students: TEXT: @adansi to: 81010 to get reminders about tests, assignments due, and materials needed for class, etc.*

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By signing below, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (print clearly) understands the expectations and procedures to be followed in the Agriscience Magnet Program. Furthermore, he/she also understands the consequences.

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Student Signature Date

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Parent/Guardian Signature Date

Syllabus signed by student and parent/guardian due back August 31, 2016.

Student Bio Reflection for the instructor.

1. Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. Birthday: \_\_\_\_\_\_\_\_/\_\_\_\_\_\_\_\_/\_\_\_\_\_\_\_\_/
3. What is your DREAM? (career, high-education, life-style, places to see, things to own, etc)
4. How do you think this class applies to your dream?
5. What are your talents?
6. What are your fears and bad attributes?
7. How else can your instructor assist you with learning, safety, and fun?