



Advanced Animal Science

Mrs. Laura Brandes
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Conference Period: 1st period: 9:15 – 10:00 am

Tutoring Opportunities: After school 4:25 – 4:50

Class Materials:

- Composition book or Spiral Notebook (2)
- Calculator
- Writing utensils
- Markers or map pencils
- Picture and Video capabilities

Access to Canvas and Office365 tools is available to students through our [Single Sign-on Portal \(SSO\)](#). Students receive their SSO login during enrollment.

Course Description:

Advanced Animal Science is an in depth animal science course. This course requires a minimum of a 40% laboratory and fieldwork. Students will use the scientific method to solve problems related to the animal science industry. Students will learn the science side of animal reproduction, genetics, anatomy and physiology, animal feeds and feeding animals, and diseases and parasites. This course also outlines evaluation of market classes of livestock, the harvesting process, and the fabrication process. Students will also learn the impact of biotechnology and issues surrounding animal welfare.

Course Goals:

Students who complete this course successfully will be able to:

- Use the scientific method to solve problems.
- Discuss current issues relating to livestock production.
- Identify types and quantities of nutrients necessary for animal nutrition.
- Explain breeding systems and their effects on genetics used in commercial and purebred livestock operations
- Evaluate livestock animals for market readiness.

Student Evaluation:

The grading system for this course is as follows:

- Grade averaged 60% Major 40% Minor
- Major grades – tests (including District Common Assessments, projects, final essays, research papers, presentations); minimum three per six weeks
- Minor grades – quizzes, daily assignments, journals; minimum four per six weeks
- Each six weeks will count as 1/6 and the semester exam will count as 1/7 of the semester grade.
- A letter system (S, N, U) is used to report a student's conduct based on proper/responsive conduct and citizenship

- Per Board Policy EIA (LOCAL), “The District shall permit a student who meets the criteria detailed in the grading guidelines a reasonable opportunity to redo an assignment or retake a test for which the student received a **failing** grade. This policy applies only to initial identified major grades and does not apply to daily assignments and quizzes. Upon reteach and retest, the new test, project, etc. recorded will be a high score of 70%.
- Official grades will be in Skyward only and can be accessed by student and parent through Family Access.

Assignments, exams, expectations outside of the classroom:

You will be expected to make sure your assignments are completed on time; you may need to work on assignments outside of class time. Late work will be accepted according to the EMS – ISD policy. The full policy can be found in the Secondary Grading Report Handbook. Point deductions will occur for each day, up to 3 days, that an assignment is late. After 3 days, the assignment will not be accepted.

Canvas Quizzes will be given a period in which they are to be completed. Late quizzes will not be allowed, please plan accordingly and do not wait until the last minute to complete the online quiz.

Major grades (not minor grades or quizzes) may be corrected. You will have one week from the date of grades posting to request a make-up. Tutorials and/or assignments will be assigned to assist in the “reteach” process. If these are not completed you will not be allowed to retake the test for a maximum grade of 70.

Attendance/Tardy Policy/Make-Up Work:

You will be required to be in attendance during normal scheduled class times, including any off campus field trips that are scheduled. If you are not in attendance for field trips, an alternate assignment will be given.

You will be considered tardy if you arrive after the “bell”. Students at HCTC are given the opportunity to demonstrate responsibility but still must follow rules. When you are tardy to class, you miss valuable instruction and take time away from your peers who were on time.

When you are absent, the EMS – ISD make up work policy is in effect. The full policy can be found in the Secondary Grading Report Handbook. You will have the number of days absent plus one additional day to complete any assignments given during your absence. Assignments due on the day of your absence should be turned in on the day of your return.

Classroom Expectations:

- Be Ready
- Be Responsible
- Be Respectful

Preliminary Schedule of Topics, Readings, and Assignments

- Current Issues in Animal Science
- Breeding and Genetics
- Anatomy and Physiology
- Nutrition
- Harvesting and Marketing Livestock

Academic Integrity: Update from GRH

Academic integrity values the work of individuals regardless if it is another student’s work, a researcher, or author. The pursuit of learning requires each student to be responsible for his or her academic work. Academic dishonesty is not tolerated in our schools. Academic dishonesty, includes cheating, copying the work of another student, plagiarism, and unauthorized communication between students during an examination. The determination that a student has engaged in academic dishonesty shall be based on the judgment of the classroom teacher or other supervising professional employee and considers written materials, observation, or information from students. Students found to have engaged in academic dishonesty shall be subject to disciplinary and/or academic penalties. The teacher and campus administrator shall jointly determine such action.