

Syllabus AG201 – Agricultural Science – Animal - Mr. Johnson
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Course Description - Students in this course will prepare for careers in Animal Science/Agricultural Business Management. It covers such areas as animal and plant science, mechanics, human relations, and leadership. Leadership activities will be required and FFA activities are emphasized. An approved Supervised Agriculture Experience is required.

Prerequisite - Applied Biological Systems, or agriculture teacher recommendation.

Competencies/Topics

1. Demonstrate Personal and Human Relation Skills.
2. Apply Approved Practices in Animal Feeding and Nutrition.
3. Apply Approved Practices in Animal Breeding and Reproduction.
4. Apply Approved Practices in Animal Health.
5. Demonstrate Approved Biotechnology Techniques in Animal Reproduction.
6. Apply Approved Practices for Environmental Control of Confined Animals.
7. Apply Approved Practices when Working with Animals.

Grading - Students will earn points by written assignments, quizzes, tests, and hands on activities in the laboratory. **Approximate** point values per semester are as follows: **School policies for late assignments will be implemented.**

Written assignments, article summaries, speeches, quizzes, tests	1000 points
Laboratory work	200 points
Final Exam / Required Forms completed	200 points
Group Projects	1000 points
Leadership Points	100 points
Supervised Agricultural Experience	500 points
Interactive Notebook	350 points
Employability Points	350 points
Total points possible	3700 points

Major Projects - Some of the major projects in the class include keeping personal records, livestock auction, animal husbandry and public speaking. These include speeches, research project, group projects and animal care responsibilities. Each student will be assigned a week a couple times throughout the year in which he/she will be responsible for feeding and caring for the department animals at the animal lab. This will include before and after school and on a weekend morning and evening.

Students will also be required to conduct a Supervised Agricultural Experience. This is a work/research/ or entrepreneurial project in agriculture. They will keep records and be graded on completion of the project each semester.

Students will also be involved, working outdoors with livestock, including physical labor.

Note: Required Class Activity – Sept. 9, Saturday 6:30 AM – 12:00 PM – GHS FFA Lamb and Goat Auction. It will be held on the GHS Campus. 1000 point activity.

Course Procedures - Performance objectives for this course can only be completed by student participation in planned activities. Student grades will be based upon the completion of assignments given both in class and in the laboratory.

Students are expected to dress appropriately for activities planned and work conducted. Safety procedures will be emphasized at all times.

Other Information - This course may be taken for *Mesa Community College Credit* and ½ university lab science credit if Applied Biological Systems was completed successfully. This course will serve as an elective, MST, or Gilbert High School graduation science credit.

Students may be excused from the final by earning a 95% or higher and have no missing assignments and/or unexcused absences, or less than 3 excused absences, less than 4 tardies (Non school i.e. parental excuse), less than 2 sweeps. Students absent more than 10 days may receive a failing grade.

Text Book: Gillespie, Flanders, Delmar (2010) -Modern Livestock and Production – 8th Ed.