



Gilbert High School
AG 208 – Veterinary Science

Mrs. Kori Dorsey

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Google Classroom: 12qngld

Course Description - This course will examine the anatomy/physiology, nutrition, reproduction, disease, care and management of animals from a veterinary medical standpoint. Leadership development and FFA activities will be emphasized. An approved Supervised Agricultural Experience will be developed and conducted by each student.

This class meets 1 of the District's science graduation requirements and ½ lab credit for AZ university entrance

Materials Needed for Class –

- Pencil or pen
- Loose Leaf Paper
- Positive attitude
- Course fees paid (infinite campus or bookstore)

Course Expectations –

Performance objectives for this course can be completed by student **participation** in planned activities. Students grades will be determined based upon completion of assignments given both in class, in the laboratory, and virtually. An emphasis will be placed on the **quality** and **effort** the student puts into completing work. Students will succeed if they do the following:

- Come to class prepared and ready to learn
- Do you best
- Respect others, yourself, and school property
- Follow school rules and safety procedures

Competencies/Topics:

1. Investigate hazards common to veterinary practices
2. Learn veterinary terminology
3. Identify anatomical and directional terminology, skeletal, muscular, respiratory, and nervous system
4. Conduct clinical exams
5. Research and practice common veterinary hospital procedures
6. Identify parasites by damage and life cycles as well as treatments and controls.
7. Apply veterinary office management procedures
8. Calculate/apply posology (veterinary math)
9. Safely conduct veterinary laboratory techniques
10. Identify digestive systems and proper nutrition
11. Identify animal diseases, their modes of transmission, prevention and treatments.
12. Identify animal interaction in society and animal rights vs. welfare
13. Identify animal industry careers, develop job seeking documents and skills
14. Identify animal breeds, behavior, communication, and training procedures

Major projects and assignments are expected to be completed on or before the due date. There will be student assignments, review, quizzes, unit exams and projects.

IMPORTANT: Due to the hand-on nature of this class, students will have the opportunity to work with a variety of animals such as pigs, sheep, goats, rabbits, guinea pigs, birds, nonvenomous reptiles, etc. Any allergies or other issues preventing students from interacting with the animals must be communicated with the teacher prior

to handling the animal. Students are expected to dress appropriately for the activities planned and work conducted as well as follow all safety procedures.

Grading - Students will earn points by written assignments, quizzes, tests, projects and hands-on activities in the laboratory. Approximate point values are as follows:

Assignment Weight	1st Semester	2nd Semester
Class/Outside Assinments 60%	Written assignments, quizzes, tests (15%) Leadership points (10%) Supv Experience Project (10%) Interactive Notebook (20%) Employability Skills (5%)	Written assignments, quizzes, tests (15%) Leadership points (10%) Supv Experience Project (10%) Interactive Notebook (20%) Employability Skills (5%)
Major Projects 30%	Laboratory projects	Laboratory projects
Final Exam 10%	Final Exam	Final Exam

Course Procedures:

Students are expected to dress appropriately for activities planned and work conducted. Safety procedures will be emphasized at all times. Students that choose to not work in a safe manner will be removed from the work area and given written assignments due that day.

Policies:

School policies for late assignments will be implemented. Incomplete assignments are not accepted.

- **Absences:** There are two types of absences: **excused and unexcused**. Excused absences will carry the same weight in implementing the policy. An **excused absence** only means that a student has the right to receive credit for make-up work.
 - o **Excused Absences** (May be one of the following):
 - **School related:** If a student misses a class for a school activity (i.e. field trip, counselor, etc.) he/she is not reported absent to the office, but is responsible for making up all missed work.
 - **Other excused absences:** An excused absence is one in which the parent has notified the school within 24 hours of the student’s absence and the school administrator has approved the absence. When a parent knows that the student will be absent for more than one day, one phone call to the school will be sufficient.
 - o **Unexcused Absences:** An absence is considered unexcused if the school has not been notified within 24 hours of the student’s absence. **Any student who has 10 consecutive unexcused absences from school may be withdrawn.**
 - o **Tardiness:** Any student entering the classroom AFTER the bell has rung, and who does NOT have a written excused from a staff member or the administration, will be considered tardy. If a student arrives after 10 minutes, it will be recorded as an absence. A tardy may result in 9th hour parent conference or any other consequence deemed necessary by the administration.
- **Make Up Work:** When an absence is excused, students are allowed one day for each day absent to submit make-up work. Other Assignments will be posted in Google Classroom
- **Tutor time:** Available upon appointment Mon, Tues, & Thu. 7:00 – 7:20AM and 2:30 – 3:00
- **See Also – Ag Engineering Course Requirements document**