

Anatomy & Physiology Vet Science- Syllabus

Course Description:

Veterinary Science is a one year laboratory science course that examines anatomy, physiology, biochemistry, & medical terminology while applying scientific knowledge & research to the study of various agriculture and pet animals. Students will focus on the physiological, biological, & structural details of the body, including a rigorous study of the body systems. Students will apply scientific methodologies (inquiry, developing hypotheses, gathering factual information, evaluating data, & drawing conclusions) to the practices employed by veterinary medicine professionals. Medical terminology and animal disease and diagnosis will be integrated as students understand each of the nine body systems. Students will exceed core academic knowledge & demonstrate critical thinking skills as they apply knowledge to laboratory experimentation, real-life scenarios, medical case studies, and physiological response & treatment of infection. Students will perform advanced research of various physiological & pathological disorders. A variety of resources will be accessed (Internet, veterinary journals & books, & veterinary professionals) for the purpose of creating written & oral presentations that demonstrate students' knowledge & application of scientific principles. Students will participate in leadership activities through the Future Farmers of America (FFA) and will be involved in an agriculture project as a "hands-on" application of classroom knowledge.

Major Course Requirements:

- a. Laboratory work- successfully complete the labs assigned during the year.
- b. Take careful notes and maintain a well-organized collection of the year's work.
- c. NEVER THROW ANYTHING AWAY UNTIL END OF YEAR.
- d. Maintain a running record of your daily work and attendance.
- e. Hand in all work the day it is due.
- f. Chromebooks are REQUIRED fully charged every day however they are NOT to be taken out unless directed by teacher.
- g. Videos, e mailings, etc. is never permitted in class on chromebooks unless directed by teacher
- h. Use of Chromebook without direction of teacher may result in referral and/or suspension from class taking failing grades on any assignments missed.
- i. Display the proper attitude in class at all times.
- j. Observe the school, agriculture department, and classroom rules.

Agriscience Project

In the Fall Semester each student will design, implement, and carry through an agriscience project to be presented at the class science fair.

Necessary Equipment

- a. Chromebook. Provided.
- b. Interactive Notebook. Provided, but may be purchased separately. (8 ½ x 11 Recommended)
- c. Black or blue ball point pen.
- d. #2 pencil and eraser.
- e. Highlighter
- f. Extra Notebook Paper

Grading Criteria:	<u>Activities</u>	<u>Percentages</u>
	Assessments	40%
	Interactive Notebook	40%
	Agriscience Project (S.A.E.)	10%
	FFA Activities	10% (300 points per <u>semester</u>)

100% - 90% = A; 89.9% - 80% = B; 79.9% - 70% = C; 69.9% - 60 % = D
 59.9% and Below = Failing Grade

Your classroom grade will be an accumulation of points from the following components:

1. Notebook organization and completion.
2. Classroom participation in discussions and group work.
3. Classwork and homework assignments.
4. Quizzes and Test scores
5. Laboratory experiences and write- ups.
6. FFA Activities.
7. S.A.E. (Agriscience Project)

Make – Up Work

You are responsible for seeing to it that you get all lecture notes missed during an absence, and that any assignments are made up within the time frame allowed in the student handbook. Please see another student for their entries in the interactive notebook. Also, all assignments will be posted on the class Haiku page. Once this is done, you must tell your instructor the exact assignment you need to make up. Your instructor will not chase you. Late work is NOT accepted.

Behavior:

Mrs. Rushing follows all school rules in her classroom. Please follow all school rules on a daily basis as outlined in the student handbook received at the beginning of the year. Consequences are provided as per the student and teacher handbooks.

Contact Mrs. Rushing at: shaina.rushing@puhsd.org

We have read the above policies for Ag Biology contained above.

STUDENT NAME (please print) _____

STUDENT SIGNATURE _____

PARENT/GUARDIAN NAME (please print) _____

PARENT/GUARDIAN SIGNATURE _____

Parent/Guardian e mail:

THIS SYLLABUS WILL NOT BE ACCEPTED UNLESS PROVIDED and CONFIRMED.

Please print E mail(s) _____