

Veterinary Science

Agriculture & Natural Resources

Trimester 1

Instructor: Mr. Troy Talford

Email: troy.talford@saukprairieschools.org

Room: 59A

Phone: 608-643-5960

Prep Period: Mr. Talford teaches middle school classes that run during the second half of third hour and first half of 4th hour. The remaining time is prep time. Mr. Talford is also available during 5th hour by appointment.

Best mode of contacting Mr. Talford is via email. Usually you can expect a response within 24 hours, but it mainly depends on if the instructor is out of town for an activity or conference.

Course Description

This course teaches basic concepts of animal health. As a part of this course, we will be exploring the veterinary practices used in the industry for both small and large animal and will have the opportunity to work with veterinarians from the Sauk Prairie area during the lab activities. Lab activities include: animal physicals with live animals, animal restraint, developing animal feeds, calculating medication dosages, conducting routine veterinary screenings, administering injections, conducting blood draws, and a field trip to Madison College's Veterinary Technician program.

Enduring Understandings

- Students will display responsibility, self-esteem, sociability, self-management, leadership, integrity, and honesty, and extends these skills to facilitating working well with others.
- Students will examine the scope of career opportunities in and the importance of agriculture to the economy in order to make informed career choices.
- Students will gain basic understanding soft skills provided through the National, State, and local FFA organizations to make them more employable.
- Students shall investigate the necessity and identify the procedures for developing a Supervised Agricultural Experience (SAE) as a part of connecting agriculture classroom content with real-world situations and documenting progress on skill development.
- Students shall demonstrate proper handling of animals in order to prepare them for animal ownership or a career in veterinary medicine.
- Students shall understand and demonstrate the operations of a veterinary clinic in order to ensure animal health.
- Students shall compare and contrast components of animal nutrition in order to raise an animal in an efficient manner.

Required Texts, Materials or Equipment

- There is no textbook for this class. Unit packets will be provided based on the Cornell University Veterinary Science Curriculum.
- Required Materials
 - Lab Notebook & Folder
- All other lab materials will be provided.
- This class will utilize a variety of technology such as Google Drive, Google Classroom, and You Tube.

Veterinary Science

Agriculture & Natural Resources

Trimester 1

Challenging Material Notification: Students will be conducting lab activities that require the use of sharp needles to demonstrate injections in animals. Students will also have experience working with large and small animals in a veterinary setting. Students will need to be prepared to see blood as a part of the experience as well as videos of animal surgical procedures.

Student (or Classroom) Expectations

1. Achieve Success
2. Get Involved! Speak up if you have questions, problems, concerns, or compliments.
3. Responsibility is on your shoulders (damage to property, safety, homework, promptness)
4. Include everyone
5. Congregating by the door...NOT!!!
6. Use of cell phones...ABSOLUTELY NOT!!!
7. Liquids...only water will do here
8. Teacher has the right to teach...do not be a distraction
9. Utilize your minds...you are here to learn and work hard
10. Respect shall be shown to everyone
11. Excitement...Be ready to have an open attitude and to have FUN!!!

Course Schedule

The weeks are only approximates. Some of these topics go one day longer than a week, but this schedule will fit into our 12-13-week schedule.

Week	Unit	Week	Unit
1	Introduction to Veterinary Science; & Careers	9	Animal Nutrition
1-2	Vet Terminology & Animals as Organisms	10	Parasites & Diseases
3-7	Animal Health	11	Posology (Veterinary Math)
8	Poultry Production	12	Reproduction & Genetics
		13	Quality Assurance

Veterinary Science

Agriculture & Natural Resources

Trimester 1

Grading and Assessment

Grades are determined by work turned in and participation.

The following grades make up 80% of your grade in the class.

a. Tests	150-300 points	d. Worksheets	10-150 points
b. Labs	10-100 points	e. Projects	200-500 points
c. Quizzes	10-200 points	f. Presentations	200-500 points

20% of your grade in the class will come from two Final Projects (SAE Project & Career Project...See SAE Book).

School Grade Scale:

A+ 98-100	B+ 88-85	C+ 78-80	D+ 68-70	F 60 and below
A 94-97	B 84-97	C 74-77	D 64-67	
A- 91-93	B- 81-83	C- 71-73	D- 61-63	

Assignment Guidelines, Late Work Policy, and Requests for Extensions

- Assignments are due at the end of each unit. If assignments are turned in after the completion of a unit, they will not be able to receive better than a 50%.
- Major projects will have specific due dates.
- Assignments will lose 5 points of their value for every day late (larger assignments are subject to a larger point deduction).
- All tests will be announced (No Notes Used). Quizzes may be unannounced and you will be able to use your notes.
- Students will be allowed to make up work provided they reach out to the instructor at least two days ahead of time for known excused absences.

Policy on Re-testing (and/or Revision for regrading)

- Students may be allowed to redo an assignment if they meet with the instructor. The instructor has the right to deny any requests based on the reason for the request.
- Students may be allowed to re-do a test if they meet with the instructor; however, students will not have the ability to earn back full points on the test.

Attendance Policies and Practices

Students are expected to be in their assigned classroom when the bell rings or they will be considered tardy. If tardy, whether excused or unexcused, students should report to the office for a pass to enter class. Discipline for tardies will be handled by office staff and may include detentions and truancy tickets.