Center for Advanced Technical Studies

916 Mount Vernon Church Road
Chapin, SC 29063
803-476-8600

http://www.lexrich5.org/CATS.cfm

Course Name: Introduction to Veterinary Science HN
Course Code: 5613
Length of Course: 1 semester
Number of Credits: 1 credit
Instructor: Mrs. Jessica Hidalgo
E-mail: jahidalgo@lexrich5.org
Website: www.lexrich5.org/webpages/jahidalgo
Voice Mail: Mrs. J. Hidalgo (803) 476-8630

Course Description:
In this advanced animal science course, students will explore the field of veterinary medicine. Students will study the role of a veterinary and veterinary technician in the diagnosis and treatment of animal diseases. Topics to be discussed include: veterinary terminology, anatomy and physiology, pathology, genetics, handling and restraint, and physical examinations along with common surgical skills. Students will engage in a variety of laboratory activities and will participate in shadowing and/or other school-to-work experiences.

Link to SC Standards:
1. http://www.clemson.edu/extension/scaged/curriculum/plant-and-animal-pathway.html
2. Select Introduction to Veterinary Science to download the course standards.

Course Outline:

Unit A Safety in Veterinary Medicine

Unit B Clinical Techniques

Unit C Laboratory Procedures

Unit D Advanced Diagnostics

Textbook and Other Resources:
Lawhead, James and MeeCee Baker. (2008). Introduction to Veterinary Science, 2nd Ed. Thomson/Delmar Publishing.

Vanhorn, Beth and Robert Clark. (2011). Veterinary Assisting: Fundamentals and Applications. Thomson/Delmar Publishing.

Scope and Sequence:
The course objectives serve as an approximate schedule for the topical units to be covered in class. The order and duration of the units may be adjusted throughout the semester as needed.

Students will be informed in class and via the class website of any classroom location or topic changes.

Assessments and Grading:
A student's course grade is calculated by a total points system based on the total points offered for an assignment, exercise or assessment against the total points earned by the student for said assignment, exercise or assessment.

> *For instance: A quiz may be worth a total of 10 points. The quiz consists of 10 questions with each being worth 1 point. A student answers 8 out of the 10 questions correctly, thus earning 8 points for the assessment. The total number of points offered through assignments and assessments for the quarter is 100, including the 10-point quiz. Therefore, the total points earned on the quiz make up a total of 8 points or 8% of the student's grade for the quarter.* ***This is only an example.***

Semester Grades
First Quarter - 40% Second Quarter - 40% Final Exam - 20%

Projects & Lab Reports: Projects and lab reports will be described in class as the semester progresses, at which time students will be provided with grading rubrics.

Tests: A unit test will be given upon the completion of each major unit. In-class unit reviews will be provided as time permits. In-class reviews will provide an overview of the information that may be on the test. Students are encouraged to study for all exams, tests, and quizzes. Test formats may be written, oral, or performance-based as deemed appropriate by the instructor.

Class Work: Student participation in classroom activities is essential for success! This course provides hands-on opportunities for students to learn information and skills they will need if they choose a career in veterinary medicine. Students are expected to try their best, get involved, and to have a positive attitude. Students should be prepared to work outside in various weather and climate conditions and are expected to wear long pants and closed-toed shoes when working with animals.

Quizzes: Quizzes will be either announced or unannounced at the discretion of the instructor. While many assignments will be submitted online, students are expected to maintain a complete notebook of all in-class notes and handouts, assignments, quizzes, and tests.

SAE Project: A supervised agricultural experience, or SAE, is an integral part of agriculture education in partnership with classroom instruction and FFA participation. Students will design an SAE project, create goals, write a plan, and finally implement their project idea. Students should discuss project ideas with parents and mentors to make sure the project and goals are practical and attainable. Parent or guardian consent is a mandatory part of the SAE as the process will most likely require guidance, assistance, money, time, transportation, or other resources from parents and/or mentors in the community. **Each student will be required to record weekly journal entries, meet the minimum required hours (25 per grading quarter; 50 per semester), and turn in an SAE report at the end of the semester** (rubrics will be provided). SAE projects are an exciting, hands-on, and self-directed way to learn!

Final Exam: Every student will take a comprehensive final exam that assesses knowledge gained through the semester. The final exam is worth 20% of the final grade for this class, so students are encouraged to retain all class material, assignments, quizzes, and unit tests for review.

Attendance and Make-Up Work:
Attendance will be recorded at the beginning of class. Students arriving after the bell must visit the front office for a pass to class and will be marked tardy. Office personnel will determine if the tardy is excused or unexcused. Parents will be contacted after 3 tardies or 2 unexcused absences. **The Center does not offer attendance recovery.**

All assignments must be submitted on time. Grade penalties for late assignments are as follows:

- 1 day late = 10 point penalty
- 2 days late = 20 point penalty
- More than 2 days = 30 point penalty

If a student fails to complete an assignment, a zero will be recorded until the assignment is submitted. Students will have until the **end of the interim** to submit late assignments. After this period of time, all incomplete assignments will remain a zero. Parents will be contacted if a student has a 77 or below in the class.

Classroom Management:
Students of this department are required to follow the discipline plan of the Center for Advanced Technical Studies as well as the policies set forth by the Lexington Richland 5 School District Code of Student Conduct. Students will be disciplined for infractions of these policies as recommended by the school's administration. Classroom rules and expectations are as follows:

Rules:

1. Be on time, prepared, and respectful.
2. Follow all safety rules and procedures.
3. Follow the teacher's directions.
4. Respect all property.
5. Do your best.

Expectations:

1. Dispose of or put away all food and drinks when you arrive to class.
2. Sit in your assigned seat and quietly begin on the bell work assignment.
3. Sign out if you need to go to the bathroom, the nurse, or the front office during class.
4. Obtain any needed school supplies from the Student Center before class.
5. Use proper hand hygiene procedures after working with animals or cleaning.
6. Properly use and maintain all classroom equipment.
7. Keep classroom supplies organized.
8. Shut down laptops and replace them correctly in the cart after use.
9. Walk on the right side of the hallway in an orderly manner during classroom breaks.
10. Use proper handling and restraint techniques when working with animals.

Consequences:

1st Offense – Verbal Warning
2nd Offense – Student/Teacher Conference and Parent Contact
3rd Offense – Office referral

* The instructor reserves the right to forego the normal consequence sequence if she determines the behavior to be extreme or excessive.

Plagiarism:
Copying, in any form, from any source, will not be tolerated and will result in a zero on the assignment that has been plagiarized. Students are not allowed to copy the work of other students or to copy printed texts or Internet sources.

Attire:
In accordance with the Student Dress code outlined in the Student Handbook (CATS Student Handbook, page 24), students are required to wear close-toed, close-heeled shoes to their classes at the Center. While tennis shoes are appropriate for classroom activities, it is **highly recommended** that students purchase leather or rubber boots to wear in the barn and when working with livestock. Students will also be required to wear the Veterinary Science program scrubs periodically throughout the year. Students may borrow a pair during class or they may purchase a set of their own for $35.

Inherent Risks:
Students will have opportunities to work with live animals during the course of the semester and will be trained in proper restraint and handling protocols before interacting with them. Working with and around animals presents inherent risks. Although accidents are rare, students and parents are reminded that all animals have natural defensive instincts they will employ should they feel threatened. Students should be aware of natural defense mechanisms, including vocal warnings, biting, scratching, kicking, bucking, or rearing. On the following page, please provide emergency contact information and indicate whether your student has health insurance coverage or if you will be purchasing the insurance provided by the school. This information is confidential and will only be used in the event of an emergency.

School District 5 of Lexington and Richland Counties does not discriminate on the basis of race, color, national origin, creed, religion, sex, age, disability, or handicap in admission to, or access to, or treatment or employment in its programs or activities. Inquiries should be directed to the Chief Officer or Human Resource Services (Title IX Coordinator) and the Director of Special Services (504/ADA Coordinator) at P. O. Box 938, Ballentine, SC 29002, (803)476-8110, www.lexrich5.org.

PLEASE SIGN AND RETURN THIS PAGE TO MRS. HIDALGO NO LATER THAN **FRIDAY, AUGUST 30, 2019.**

I have read the course syllabus, classroom management plan, and the inherent risks statement. I understand the information given and the expectations for this course and agree to abide by the policies stated. I understand that if at any time I have concerns about my child's performance, I may contact Mrs. Hidalgo at the school or via email.

Student _____ Date _____

Parent/Guardian _____ Date _____

Parent/Guardian Contact Information

Name (please print): _____

Preferred Phone: _____ Work Home Cell

Other Phone: _____ Work Home Cell

Email Address: _____

Preferred Method of Contact: Phone Email

In the event of an emergency, please contact _____

Relationship to Student: _____

Phone Number: _____

□ Yes, my student has health insurance.
□ No, my student does not have health insurance and I will be purchasing the coverage provided by the school.

In the space below, please indicate any medical conditions your student may have of which I need to be made aware (i.e. latex or animal allergies, respiratory/heart conditions, etc.).

Communication is key! If you would like to sign up to receive text message or email updates and reminders about this class, please visit **rmd.at/introtove**, text **@introtove** to **81010**, or send an email to **introtove@mail.remind.com** to subscribe to my Remind account. Remind provides safe and secure messaging option for teachers to stay in touch with students and parents. I will also post reminders and assignments on our Google Classroom site. I will use the email address provided above to add parents & guardians, but if you would like to sign up ahead of time, the course code is **0joslx0**.

The Lexington-Richland 5 FFA Chapter has a very exciting year ahead! We publish a quarterly newsletter with updates and reminders for all of the events in which we participate throughout the year. Would you like to be added to our email list to receive each edition of "The Rising Sun"?

_____ Yes, please add me to the list _____ No, thank you.

TheAET.com Log In:
Username: _____ Password: _____

Preferred Email: _____

Parent Contact Log

Date	Time	Type of Contact	Reason for Contact	Comments
__/__/___	☐AM ☐PM			
__/__/___	☐AM ☐PM			
__/__/___	☐AM ☐PM			
__/__/___	☐AM ☐PM			
__/__/___	☐AM ☐PM			
__/__/___	☐AM ☐PM			
__/__/___	☐AM ☐PM			

ETHICS POLICY

PLEASE READ THE FOLLOWING INFORMATION CAREFULLY

Plagiarism, or cheating, of any sort is ALWAYS wrong and will not be tolerated. It robs you of an opportunity to learn through your own merits and denies you the feeling of accomplishment which comes from a job well done. It damages relationships among all involved, especially the bond of trust and respect between teacher and student. It also creates a reputation of dishonesty that is difficult to overcome.

The following actions qualify as plagiarism:

- "borrowing" homework to copy
- bringing "cheat sheets" to a quiz or test
- cutting and pasting from the internet (plagiarism) for any assignment
- texting test/quiz information to friends in later classes
- discussion of test/quiz questions with friends in later classes
- giving or receiving answers during a quiz or test

The above list is not all-inclusive. Generally, if the work you claim to be yours is not, then that is unethical, unacceptable and is considered "cheating".

Issues of cheating may result in loss of partial or total credit and/or disciplinary actions by all parties involved. **The consequences of cheating will be at the discretion of Mrs. Hidalgo and may involve disciplinary action by the administration.**

My signature below indicates that I understand and agree with the content of this contract.

Student Name: _____
Student Signature: _____
Date: _____

Parent Name: _____
Parent Signature: _____
Date: _____