Semester/Year: Spring 2015

ANSC 1020  - Livestock Production II

Lecture Hours: 3  Lab Hours: 0  Credit Hours: 3

Class Time: 9:00-9:50 a.m.  Days: MWF  Room: WA 110

Instructor’s Name: Heath Hornecker/Jason Johnson

Instructor's Contact Information: Office Phone: 268-2525  Email: hhornecker@caspercollege.edu
                                 268-2040  jjohnson@caspercollege.edu

Office Hours: Posted on door

Course Description: Course covers principles of genetics and animal breeding, reproductive physiology, principles of nutrition and digestion in domestic animals. Topics also include animal health and diseases, and grading and marketing methods of slaughter and feeder animals. Basic anatomy and selection of livestock and carcass evaluation will also be covered, time permitting.

Statement of Prerequisites: ANSC 1010 or instructor approval

Goal: To provide students a general overview of the digestion, nutrition, reproductive, growth and health of major livestock species.

Outcomes: At the conclusion of this semester, student should be able to:

1. Identify parts, functions and disorders of livestock digestive systems.
2. Analyze nutrients and their importance to livestock diets.
3. Comprehend the major functions, organs and hormones responsible for livestock reproductive systems.
4. Apply genetic principles to livestock breeding and mating.
5. Diagnose and administer treatment for livestock health concerns.

Methodology: This course is designed to be a lecture course; however several different methods of instruction will be used. This could include video clips, power-points, web based research, hands-on laboratory work within class, and written, papers and possible power point projects.

Evaluation Criteria:

1. Attendance will be necessary!
2. The remainder of the grade will consist of several tests, including a midterm and possible comprehensive final, and various reports, exercises, quizzes, etc.
3. Class participation and field trip response.
4. The grading scale will be:
   A = 90% – 100%
   B = 80% - 89%
Required Text, Readings, and Materials: Text: Recommended Scientific Farm Animal Production, Taylor, 9th,

Class Policies: Last Date to Change to Audit Status or to Withdraw with a W Grade:

1. Students are expected to attend all lectures, field trips, and other requirements for each class.
2. Students who miss class while representing the college officially are excused, but are directly responsible for seeing that all assignments, quizzes, and tests are made up promptly (within one week upon returning).
3. Students who miss class are directly responsible for acquiring all notes and assignments assigned.
4. Makeup tests will not be given without prior notice to the instructor.
5. No late assignments will be accepted!!!

Student Rights and Responsibilities: Please refer to the Casper College Student Conduct and Judicial Code for information concerning your rights and responsibilities as a Casper College Student.

Chain of Command: If you have any problems with this class, you should first contact the instructor to attempt to solve the problem. If you are not satisfied with the solution offered by the instructor, you should then take the matter through the appropriate chain of command starting with the Department Head/Program Director (Heath Hornecker), the Dean (Dr. Grant Wilson), and lastly the Vice President for Academic Affairs (Dr. Tim Wright).

Academic Dishonesty - Cheating & Plagiarism: Casper College demands intellectual honesty. Proven plagiarism or any form of dishonesty associated with the academic process can result in the offender failing the course in which the offense was committed or expulsion from school. See the Casper College Student Code of Conduct.

Official Means of Communication: Casper College faculty and staff will employ the student's assigned Casper College email account as a primary method of communication. Students are responsible to check their account regularly. This is also, where you will find course evaluation links during course evaluation periods.

ADA Accommodations Policy: It is the policy of Casper College to provide appropriate accommodations to any student with a documented disability. If you have a need for accommodation in this course, please make an appointment with our Accommodative Services Counselor at 268-2557.