



## **Principles of Feeds and Feeding**

**Course Syllabus: Spring 2017**

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"Northeast Texas Community College exists to provide responsible, exemplary learning opportunities."

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Office Hours	Monday	Tuesday	Wednesday	Thursday	Friday	
	N/A	12:20-1:00	N/A	12:20-1:00	N/A	

*The information contained in this syllabus is subject to change without notice. Students are expected to be aware of any additional course policies presented by the instructor during the course.*

**Catalog Course Description:** Three hours of lecture and two hours of lab each week. Study of the role and application of feed nutrients and additives. Topics include comparative aspects of digestion, absorption, and metabolism of nutrients, emphasis on identification of nutrient requirements and formulation of dietary feeding regimens.

**Recommended Textbook:**

Livestock Feeds and Feeding, 6/E

Richard O. Kellems

D.C. Church

**Publisher:** Prentice Hall

**ISBN Number:** 978-0-13-159475-3

**Student Learning Outcomes:**

1. Students will be able to explain the difference between ruminants and nonruminants.
2. Students will know the stomach compartment structure of a ruminant and the function of each compartment.
3. Students will know the difference between micro-mineral and macro-mineral requirements in feeding livestock.
4. Students will be able to explain how to extend the forage growing season for livestock.
5. Students will be able to balance a feed ration using the "Pearson Square" method.

**Lectures & Discussions:**

This course will be held on Tuesdays and Thursdays in AGC117 from 11:00-12:20. The course will consist of classroom lectures using multimedia presentations as well as classroom discussions. Labs will consist of hands on learning, demonstrations, online assignments and field trips.

**Evaluation/Grading Policy:**

Grades will be computed as follows:

(3) Exams:	60%
Lab Assignments/Quizzes:	20%
Class Participation/Quizzes:	20%

**Tests/Exams:**

There will be 3 exams accounting for 60% of your overall grade. Exams will be multiple-choice, true/false, fill in the blank, short answer and essays developed from the textbook, labs, quizzes and lectures. The following dates are subject to change, students will be notified in advance. Only excused absences will be allowed for you to make-up an exam. An appointment must be made to take the make-up exam. Failure to take the make-up exam will result in a grade of zero.

**Lab Participation:**

Students are required to participate in both classroom and lab activities. Students will be required to travel locally for some of the labs. Students will be expected to arrive on time and behave in a professional manner. Students are also required to dress appropriately for labs; this includes closed toed shoes, safety glasses (when required), and appropriate dress for working outdoors.

**Quizzes:**

Quizzes are unannounced and may be held during class or labs. There will be no make-ups for quizzes. Students should arrive on time and be ready with a pen or pencil and notebook paper.

**Assignments:**

Due dates for assignments will be provided by the instructor in class. Assignments will receive 10 points off each day they are late up to 3 days. After the 3rd day, a grade of zero will result.

**Student Responsibilities/Expectations:**

Students are required to participate in both classroom and lab activities. Participation is 20% of the final grade and attendance is required to participate. Students are expected to be on time and ready to begin when classes start at 11:00am. Students should be courteous and treat one another with respect to allow for a peaceful and effective learning environment.

**NTCC Academic Honesty Statement:**

"Students are expected to complete course work in an honest manner, using their intellects and resources designated as allowable by the course instructor. Students are responsible for addressing questions about allowable resources with the course instructor. NTCC upholds the highest standards of academic integrity. This course will follow the NTCC Academic Honesty policy stated in the Student Handbook."

**Academic Ethics**

The college expects all students to engage in academic pursuits in a manner that is beyond reproach. Students are expected to maintain complete honesty and integrity in their academic pursuit. Academic dishonesty such as cheating, plagiarism, or collusion is unacceptable and will result in disciplinary action. Refer to the student handbook for more information on this subject.

**ADA Statement:**

It is the policy of NTCC to provide reasonable accommodations for qualified individuals with disabilities. This College will adhere to all applicable federal, state, and local laws, regulations, and guidelines with respect to providing reasonable accommodations as required to afford equal educational opportunity. It is the student's responsibility to arrange an appointment with a College counselor to obtain a Request for Accommodations form. For more information, please refer to the NTCC Catalog or Student Handbook.

**Family Educational Rights And Privacy Act (Ferpa):**

The Family Educational Rights and Privacy Act (FERPA) is a federal law that protects the privacy of student education records. The law applies to all schools that receive funds under an applicable program of the U.S. Department of Education. FERPA gives parents certain rights with respect to their children's educational records. These rights transfer to the student when he or she attends a school beyond the high school level. Students to whom the rights have transferred are considered "eligible students." In essence, a parent has no legal right to obtain information concerning the child's college records without the written consent of the student. In compliance with FERPA, information classified as "directory information" may be released to the general public without the written consent of the student unless the student makes a request in writing. Directory information is defined as: the student's name, permanent address and/or local address, telephone listing, dates of attendance, most recent previous education institution attended, other information including major, field of study, degrees, awards received, and participation in officially recognized activities/sports.

**Other Course Policies:**

The use of cell phones or texting devices is prohibited during class and lab. Students caught using these devices will be asked to leave and will lose participation points. NTCC tobacco policy will be enforced and violators will be asked to leave.