

FEEDS AND FEED PROCESSING

Fall 2021

Instructor: Clayton Weber
Office: WOH 127D
Office Hours: By appointment, In-Person or Zoom
Phone: 917-4768
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Course #: ANS 210
CRN #: 23052
Textbook: Animal Feeding & Nutrition, 11th Edition
Credits: 4
Meets: Lecture MWF: 10-10:50 am
Lab R: 9-10:50 am
Classroom: WOH 122
Required: Lecture Manual, Calculator

Student Learning Outcomes:

- Identify anatomy and understand functions of monogastric and ruminant digestive systems
- Understand differences between basic nutrients and explain digestion and absorption of each
- Identify critical livestock feedstuffs and describe the composition and functional use of each
- Describe types of livestock feed processing

Grading Procedure: Your final grade in this course will be based on the following:

	<u>#</u>	<u>Points</u>	<u>Total</u>
Lab Participation	10	5 each	50
Quizzes	3	25 each	75
Exams	2	100 each	200
Final Exam	1	150	<u>150</u>
			475 pts total

Grade Determination:

A= 90% of highest point total in class
B= 80% of highest point total in class
C= 70% of highest point total in class
D= 60% of highest point total in class
F= <60% of highest point total in class

Class Guidelines:

1. **No late work is accepted** unless prior arrangements have been established with the instructor.
2. Quizzes and Midterms are announced. Make-ups are allowed only if **prior arrangements** have been established with the instructor & **must be completed before the next class meeting.**
3. Lab participation grade is based on lab attendance and student participation during labs. **Missed labs cannot be made-up.**
4. **Cell phone use is not allowed during class, including phone calculators.**
5. An Incompletes will be given in the event a student completes the majority of the course work, but for some valid reason misses a portion of the class. Before an incomplete is given, the student must sign a contract with the instructor stating how and when the work is to be made up. The awarding of an incomplete is at the discretion of the instructor

TENTATIVE COURSE OUTLINE

Week

1	Course Content, Grading Procedure Introduction to Livestock Feeding, Digestive Systems
2	Digestive Systems
3	Basic Nutrients Quiz 1
4	Basic Nutrients (cont'd)
5	Livestock Feedstuffs Exam 1
6	Livestock Feedstuffs (cont'd)
7	Feed Processing Quiz 2 No class Thursday, November 11, 2021 *Veteran's Day*
8	Feed Processing (cont'd)
9	Feed Formulations Exam 2 No class November 25 & 26, 2021 *Thanksgiving Holiday*
10	Summary and Review Quiz 3
11	**Final Exam** Monday, December 6, 2021 8-9:50 am

Students who may need accommodations due to documented disabilities, or who have medical information which the instructor should know, or who need special arrangements in an emergency, should speak with the instructor during the first week of class. If you believe you may need accommodations, but are not yet registered with CFAR, please go to <http://linnbenton.edu/cfar> for steps on how to apply for services or call 541-917-4789.

You have until Friday 5pm of the seventh week (November 12, 2021) to drop a class without a grade penalty. If dropping this class puts you below 12 credits and you are on financial aid, you may lose your financial aid. If you fail to drop by November 12, 2021, you will receive a letter grade for this course.

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