**FEEDS AND FEED PROCESSING**

**Fall 2019**

 **Instructor:** Clayton Weber

 **Office:** WOH 127D

 **Office Hours:** MWF 11-11:50

 **Phone:** 917-4768

 **E-mail:** weberc@linnbenton.edu

 **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:

 **# Points Total**

Lab Participation 9 10 each 90

Quizzes 4 25 each 100

Exams 2 100 each 200

Final Exam 1 150 150 540 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 Incomplete 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

1. Digestive Systems
2. Basic Nutrients

**Quiz 1**

1. Basic Nutrients (cont’d)

####  Exam 1

1. Livestock Feedstuffs

**Quiz 2**

1. Livestock Feedstuffs (cont’d)
2. Feed Processing

No class Monday, November 11, 2019 **\*Veteran’s Day\***

#### Quiz 3

 8 Feed Processing (cont’d)

 **Exam 2**

 9 Feed Formulations

#### No class November 28 & 29, 2019 \*Thanksgiving Holiday\*

1. Summary and Review

 **Quiz 4**

1. **\*\*Final Exam\*\***

**Monday, December 9, 2019 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 15, 2019) 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 15, 2019, you will receive a letter grade for this course.

LBCC prohibits unlawful discrimination based on race, color, religion, ethnicity, use of native language, national origin, sex, sexual orientation, marital status, disability, veteran status, age, or any other status protected under applicable federal, state, or local laws. (for further information http://po.linnbenton.edu/BPsandARs/) Board Policy P1015