

AGAH 2413
Principles of Feed & Feeding
Western Texas College

- I. Basic Course Information
 - A. Course Description: 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.
 - B. Prerequisites: None
- II. Student Learning Outcomes
 - A. Outline the roles and functions of feed nutrients and non-nutritive feed additives
 - B. Describe and compare digestion, absorption, and metabolism
 - C. Compute dietary feeding regimens
 - D. Identify nutritional problems as related to digestive systems
- III. Major Course Requirements
 - A. Internet iCEV Lessons
 - B. Demonstrations
 - C. Presentations
 - D. Reading
 - E. Field Trips and Field Works
- IV. Information on Books and other Course Materials
 - A. None Required
- V. Other Policies, Procedures and Important Dates: Please refer to the WTC Course Catalog for the following:
 - A. Campus Calendar
 - B. Final exam schedule
 - C. How to drop a class
 - D. Withdrawal information
 - E. Student Conduct/Academic Integrity
 - F. Class Attendance
 - G. Students with disabilities

VI. Course Organization and Schedule

Week	Topic
Week 1	Course Introduction
Week 2	Nutrients
Week 3	Feed Additives
Week 4	Feedstuffs, Roughage, Vitamins and Minerals
Week 5	Factors Affecting Feed Consumption
Week 6-8	Feeding Beef Cattle Factors Affecting Feed Consumption
Week 9-11	Feeding Sheep and Goats
Week 12-14	Feeding Horses
Week 15	Feeding Wildlife
Week 16	Review & Final

*Disclaimer: Schedule, content and grading percentages are subject to change at the instructor's discretion.