

**AGRI 2321
Livestock Evaluation**

Western Texas College

- I. Basic Course Information
 - A. Course Description: Evaluation and grading of market cattle, swine, sheep, and goats and their carcasses and wholesale cuts. Emphasis will be placed on value determination. Selection and evaluation of breeding cattle, sheep, swine, and goats with emphasis on economically important traits.
 - B. Lab: The required laboratory activities will reinforce the lecture material.
- II. Student Learning Outcomes - Upon successful completion of this course, students will:
 - A. Accurately evaluate and grade meat animals (cattle, swine, sheep, and goats), their carcasses, and wholesale cuts according to USDA and industry standards.
 - B. Determine market value for meat animals, carcasses, and whole cuts.
 - C. Evaluate and select breeding animals based upon their economic potential in common production scenarios.
 - D. Apply knowledge of both subjective and objective techniques, tools, and information in order to make evaluation, grading, and selection decisions in practical production scenarios.
- III. Course Requirements
 - A. Exams and quizzes – 40%
 - B. Notebook – 20%
 - C. Attendance with assignments, participation – 40%
- IV. Information On Books
 - A. Selected articles and books will be provided to the student.
- V. Other Policies, Procedures and important dates. Please refer to the WTC [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 Content and Tentative Schedule*

Week 1	Introduction/Set Up Notebooks
Week 2	Beef Grading
Week 3	Beef Carcasses/Beef Cuts
Week 4	Pork Carcasses/Grading

Week 5	Pork Cuts
Week 6	Lamb Carcasses
Week 7	Goat Carcasses
Week 8	All Species
Week 9	Beef Carcasses/Cuts
Week 10	Pork Carcasses/Cuts
Week 11	Lamb Carcasses
Week 12	Selection of Breeding Animals
Week 13	Processing of Market Products
Week 14	Enterprise Operations
Week 15	Enterprise Operations
Week 16	Final Exam

*The above schedule, policies, procedures and assignments in this course are subject to change.

Last Modified: October 5, 2017