

COURSE OUTLINE

Livestock Judging Lab IV

Course Description

AG 237. Livestock Judging Lab IV. 2 hours credit. Prerequisite: AG 236 Livestock Judging Lab III. The student will gain in-depth experience in livestock judging. The major emphasis of this course is on livestock appraisal including the presentation and evaluation of oral reasons. A major portion of class time is spent evaluating and placing live classes of livestock in the field. Collegiate competition is included.

Course Relevance

This course will give the participating student an in-depth understanding of live animal evaluation, performance records and EPD's. Students will gain incredible communication and decision making skills that can be utilized in virtually any career in agriculture.

Required Materials

AG 237 Livestock Judging Lab IV. No Text Required.

Learning Outcomes

The intention is for the student to be able to

1. Evaluate livestock on various phenotypic traits
2. Make specific selection decisions
3. Communicate selection decisions in a articulate and convincing manner

Primary Learning PACT Skills that will be DEVELOPED and/or documented in this course

Through the student's involvement in this course, he/she will develop his/her ability in the following primary PACT skill areas:

1. Critical Thinking
 - The student will develop critical thinking skills through developing the ability to make quick decisions based on a multitude of information.
2. Speaking
 - The student will improve public speaking and reasoning skills through the development of oral reasons.

Secondary skills (developed but not documented):

Teamwork
Self-Concept
Ethical Conduct
Leadership
Writing

Reading
Listening
Coping with Change

Major Summative Assessment Task(s)

These learning outcomes and the primary Learning PACT skills will be demonstrated by

1. Placing of numerous classes of livestock based on phenotypic traits, performance records, or a combination of both. (critical thinking)
2. Develop oral reasoning skills and perform numerous sets of oral reasons for evaluation. (speaking)

Course Content

- I. Themes – Key recurring concepts that run throughout this course:
 - A. Placing livestock
 - B. Oral reasons
- II. Issues – Key areas of conflict that must be understood in order to achieve the intended outcome:
 - A. Market animal selection
 - B. Breeding animal selection
 - C. Species specific selection
- III. Concepts – Key concepts that must be understood to address the issues:
 - A. Basic animal anatomy
 - B. Carcass breakdown
 - C. Economic value of traits
 - D. Terminology related to both visual evaluation and carcass composition
- IV. Skills/Competencies – Actions that are essential to achieve the course outcomes:
 - A. Problem solving
 - B. Speaking
 - C. Reading
 - D. Writing
 - E. Listening
 - F. Critical thinking
 - G. Application of concepts

Learning Units

- I. Beef Cattle
 - A. Market animals
 - B. Breeding animals
 - C. Performance records
 - D. Proper oral reasons terminology
- II. Sheep
 - A. Market animals
 - B. Breeding animals
 - C. Performance records
 - D. Proper oral reasons terminology

III. Swine

- A. Market animals
- B. Breeding animals
- C. Performance records
- D. Proper oral reasons terminology

Learning Activities

Classroom: Lecture, instructor-led class discussions, group study, field trips, outdoor live animal evaluation, collegiate competition.

Grade Determination

The student will be graded on completion of judging team competitions, class participation, and other methods of evaluation at the discretion of the instructor.