

Southeast Missouri State University

Department of Agriculture
Course Title: Grassland Evaluation

Course Number: AO 834
Proposed: 3/99

- I. Catalog Description and Credit Hours: Principles related to conducting a grassland forage evaluation contest. (1)
- II. Prerequisites: B. S. Degree
- III. Objective of the Course: Acquaint FFA instructors with the basic principles of conducting a grassland evaluation contest.
- IV. Expectations of Students:
 - A. Read required material prior to the class.
 - B. Participate in a practice grassland evaluation contest.
- V. Course Content:
 - A. Introduction (0.5 hr)
 1. What is a grassland evaluation contest?
 2. Contest overview
 - B. Grassland Conditions (3.5 hr)
 1. Appraisal process
 2. Field marking
 3. Flagging
 4. Livestock
 5. Practice contest
 - C. Wildlife Habitat (4.0 hr)
 1. Site
 2. Numbers
 3. Food and cover
 4. Wildlife score card
 5. Practice contest
 - D. Soil Evaluation (4.0 hr)
 1. Soil survey, NRCS
 2. Adaptation of plants to certain soil types
 3. Slope
 4. Soil survey score card
 5. Practice contest

- E. Plant Identification (4.0 hr)
 - 1. Cool season grasses
 - 2. Warm season grasses
 - 3. Legumes
 - 4. Broadleaf weeds
 - 5. Grass-like plants
 - 6. Practice contest

VI. Textbook and Other References:

- A. Grassland Evaluation Teachers Guide, USDA, NRCS
- B. Ozark Pasture Management Guide, USDA, NRCS

VII. Basis for Student Evaluation:

- A. Class participation - 25%
- B. Practice contest participation - 75%