### AG 263B Course Outline as of Fall 1981

# CATALOG INFORMATION

Dept and Nbr: AG 263B          Title: ADV SHEEP PROD
Full Title: Advanced Sheep Production
Last Reviewed: 4/19/2004

| Units | | Course Hours per Week | | Nbr of Weeks | Course Hours Total | |
|---|---|---|---|---|---|---|
| Maximum | 3.00 | Lecture Scheduled | 3.00 | 17.5 | Lecture Scheduled | 52.50 |
| Minimum | 3.00 | Lab Scheduled | 0 | 17.5 | Lab Scheduled | 0 |
| | | Contact DHR | 0 | | Contact DHR | 0 |
| | | Contact Total | 3.00 | | Contact Total | 52.50 |
| | | Non-contact DHR | 0 | | Non-contact DHR | 0 |

Total Out of Class Hours: 105.00          Total Student Learning Hours: 157.50

Title 5 Category:  AA Degree Applicable
Grading:          Grade or P/NP
Repeatability:    00 - Two Repeats if Grade was D, F, NC, or NP
Also Listed As:
Formerly:

**Catalog Description:**
Management of highly productive flock especially as it relates to breeding, nutrition, disease prevention and marketing.  Field trips will be taken to outstanding local ranches.

**Prerequisites/Corequisites:**
Course Completion of ANSCI 70A ( or AG 263A)

**Recommended Preparation:**
Eligibility for ENGL 100A or ENGL 100.

**Limits on Enrollment:**

**Schedule of Classes Information:**
Description: Management of highly productive flock especially as related to breeding, nutrition, disease prevention & marketing. Field trips to outstanding local ranches. (Grade or P/NP)
Prerequisites/Corequisites: Course Completion of ANSCI 70A ( or AG 263A)
Recommended: Eligibility for ENGL 100A or ENGL 100.
Limits on Enrollment:
Transfer Credit: CSU;
Repeatability: Two Repeats if Grade was D, F, NC, or NP

# ARTICULATION, MAJOR, and CERTIFICATION INFORMATION:

| | | | | |
|---|---|---|---|---|
| **AS Degree:** | **Area** | | Effective: | Inactive: |
| **CSU GE:** | **Transfer Area** | | Effective: | Inactive: |
| **IGETC:** | **Transfer Area** | | Effective: | Inactive: |
| **CSU Transfer:** | Transferable | Effective: Fall 2004 | Inactive: Fall 2009 |
| **UC Transfer:** | | Effective: | Inactive: |

**CID:**

**Certificate/Major Applicable:**
Certificate Applicable Course

# COURSE CONTENT

**Outcomes and Objectives:**
 The student will:
1. Analyze genetic principles and how they relate to sheep management.
2. Identify performance date in sheep selection.
3. Compare sheep reproduction methods.
4. Develop computer program for management through comparison of other programs.
5. Obtain information on current health problems of probable solutions.

**Topics and Scope:**

1.  Sheep genetics.
    a. principles and methods of improvement
    b. heritabilities
    c. crossbreeding
    d. inherited defects
    e. record-keeping systems
2.  Performance selection.
    a. keep-cull exercise/records included field trips
3.  Sheep reproduction lecture.
4.  Sheep reproduction field trip.
    a. ram fertility testing
    b. pregnancy detection
    c. out-of-season breeding
5.  Sheep reproduction - future look.
    a. embryo transfer
    b. artificial insemination
    c. genetic engineering
6.  Sheep nutrition.
    a. seasonal needs

b. nutrient requirements
         c. feed identification
  7. Sheep nutrition - computer usage.
  8. Sheep health - diseases.
  9. Sheep external parasites.
 10.  Sheep internal parasites.
 11.  Marketing.
 12.  Computers and computer programs.
 13.  Field trips, etc.

## Assignment:

Assignments will be taken from periodicals, handouts, and texts.


## Methods of Evaluation/Basis of Grade:

**Writing:** Assessment tools that demonstrate writing skills and/or require students to select, organize and explain ideas in writing.

| Lab reports, Essay exams | Writing 0 - 10% |
|---|---|

**Problem Solving:** Assessment tools, other than exams, that demonstrate competence in computational or non-computational problem solving skills.

| Homework problems, Lab reports, Exams | Problem solving 0 - 15% |
|---|---|

**Skill Demonstrations:** All skill-based and physical demonstrations used for assessment purposes including skill performance exams.

| Class performances | Skill Demonstrations 0 - 15% |
|---|---|

**Exams:** All forms of formal testing, other than skill performance exams.

| Multiple choice, True/false, Matching items, Completion | Exams 0 - 60% |
|---|---|

**Other:** Includes any assessment tools that do not logically fit into the above categories.

| None | Other Category 0 - 0% |
|---|---|

## Representative Textbooks and Materials:
 S.I.D. Handbook.