

ANSCI 70B Course Outline as of Fall 2009**CATALOG INFORMATION**

Dept and Nbr: ANSCI 70B 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: AG 263B

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 100 or ESL 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 100 or ESL 100

Limits on Enrollment:

Transfer Credit:

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:		Effective:	Inactive:
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 data 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 10 - 10%
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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 15 - 15%
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Skill Demonstrations: All skill-based and physical demonstrations used for assessment purposes including skill performance exams.

Class performances	Skill Demonstrations 15 - 15%
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Exams: All forms of formal testing, other than skill performance exams.

Multiple choice, True/false, Matching items, Completion	Exams 60 - 60%
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Other: Includes any assessment tools that do not logically fit into the above categories.

None	Other Category 0 - 0%
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Representative Textbooks and Materials:

S.I.D. Handbook.