

ANSCI 133 Course Outline as of Fall 2009**CATALOG INFORMATION**

Dept and Nbr: ANSCI 133 Title: CATTLE REPROD MGMT

Full Title: Cattle Reproduction Management

Last Reviewed: 12/8/2008

| Units | | Course Hours per Week | | Nbr of Weeks | Course Hours Total | |
|---------|------|-----------------------|------|--------------|--------------------|-------|
| Maximum | 1.00 | Lecture Scheduled | 1.00 | 17.5 | Lecture Scheduled | 17.50 |
| Minimum | 1.00 | Lab Scheduled | 0 | 1 | Lab Scheduled | 0 |
| | | Contact DHR | 0 | | Contact DHR | 0 |
| | | Contact Total | 1.00 | | Contact Total | 17.50 |
| | | Non-contact DHR | 0 | | Non-contact DHR | 0 |

Total Out of Class Hours: 35.00

Total Student Learning Hours: 52.50

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 246.1

Catalog Description:

Physiological aspects of cattle as they relate to reproductive management, reproductive systems, hormones, semen evaluation and the estrus cycle.

Prerequisites/Corequisites:**Recommended Preparation:**

Eligibility for ENGL 100 or ESL 100

Limits on Enrollment:**Schedule of Classes Information:**

Description: Physiological aspects of cattle as they relate to reproductive management, reproductive systems, hormones, semen evaluation and the estrus cycle. (Grade or P/NP)

Prerequisites/Corequisites:

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:

Upon completion of the course, students will be able to:

1. Identify the male and female parts of cattle reproductive tracts.
2. Perform analysis of semen.
3. Evaluate effects of nutrition, hormones, and health on estrous cycle.

Topics and Scope:

1. The anatomy of the male reproductive system.
2. The anatomy of the female reproductive system.
3. Physiology of reproduction.
 - a. spermatogenesis
 - b. oogenesis
 - c. hormones
4. Semen evaluation.
 - a. live
 - b. micro analysis
5. Pregnancy evaluation.
 - a. methods of pregnancy evaluation
 - b. economics involved
6. Effects on estrus cycle.
 - a. nutritional
 - b. hormones
 - c. health
7. Calving management.
 - a. sanitation
 - b. nutritional

Assignment:

Read periodicals, handouts, and texts.
Demonstrations of skill assignments.

Skill performance exam.
Tests and quizzes.

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.

None, This is a degree applicable course but assessment tools based on writing are not included because skill demonstrations are more appropriate for this course.

Writing
0 - 0%

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

None

Problem solving
0 - 0%

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

Skill performance (exercises & exams)

Skill Demonstrations
30 - 30%

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

Multiple choice, True/false, Matching items, Completion

Exams
70 - 70%

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

None

Other Category
0 - 0%

Representative Textbooks and Materials:

Instructor prepared materials