

**ANSCI 133 Course Outline as of Fall 2004****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	17.00	1	Lecture Scheduled 17.00
Minimum	1.00	Lab Scheduled	0	1	Lab Scheduled 0
		Contact DHR	0		Contact DHR 0
		Contact Total	17.00		Contact Total 17.00
		Non-contact DHR	0		Non-contact DHR 0

Total Out of Class Hours: 34.00

Total Student Learning Hours: 51.00

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 it relates 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 it relates to reproductive management, reproductive systems, hormones, evaluation &amp; 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:**

<b>AS Degree:</b>	<b>Area</b>	<b>Effective:</b>	<b>Inactive:</b>
<b>CSU GE:</b>	<b>Transfer Area</b>	<b>Effective:</b>	<b>Inactive:</b>
<b>IGETC:</b>	<b>Transfer Area</b>	<b>Effective:</b>	<b>Inactive:</b>
<b>CSU Transfer:</b>		<b>Effective:</b>	<b>Inactive:</b>
<b>UC Transfer:</b>		<b>Effective:</b>	<b>Inactive:</b>

**CID:**

**Certificate/Major Applicable:**

Certificate Applicable Course

## **COURSE CONTENT**

**Outcomes and Objectives:**

The student will:

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 estrus cycle.

**Topics and Scope:**

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

**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.

None

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.

Class performances, Performance exams

Skill Demonstrations  
0 - 30%

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

Multiple choice, True/false, Matching items, Completion

Exams  
0 - 70%

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

None

Other Category  
0 - 0%

### Representative Textbooks and Materials: