

ANSC 271 – Beef Cattle Production

Course Title and Number

ANSC 271 – Beef Cattle Production

Course Description:

An overview of the United States beef industry including an introduction to the segments of the beef production chain and the scope of the industry. The majority of the course will focus on basic principles including genetics and breeding, nutrition, reproduction, herd health, carcass evaluation and marketing.

Term

Fall, 2011

Instructor

Clay Carlson

Office Hours and Contact Information

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Course Goals:

Provide students a basic foundation of biological principles of beef production and to introduce the beef cattle industry. This course is designed to prepare students who will enroll in the upper division management course (ANSC471), as well as a stand alone course for students who need a broad exposure to basic principles.

Course Objectives

Students will demonstrate a basic understanding of nutrition, genetics, reproduction, health, marketing, and carcass evaluation. Students will know the segments of the beef production chain.

Texts & Equipment

No Required Text.

Computer Use

Lecture notes and reading assignments will be posted on Vista

Grading

Grades will be determined by:

Event	Point Values
Daily/Weekly	10 pts/quiz
Quizzes	
Midterm Exam	100 points
Laboratory	10 pts/
Excercises	excercise
Market Tracking	50 points
Project	
Final Exam – Comprehensive	200 points

Grades will be assigned

using the following scale:

94-100%	A
90 - 92%	A-
87 - 89%	B+
83 - 86%	B
80 - 82%	B-
77 - 79%	C+
73 - 76%	C
70 - 72%	C-
67 - 69%	D+
60 - 66%	D
Below 60%	Failure

Course Management/Policies

Students are expected to read and adhere to all course policies found the College of Agriculture Common Course Policies found at:

http://www.csuchico.edu/ag/_assets/documents/syllabi/COACCommonSyllabusPolicies.pdf

Course Topics and Schedule

Week Of	Lecture	Lab	Reading	Assignments
1	Industry Overview	Beef Unit		
2	Industry Structure	Beef Unit		
3	Industry Structure	Beef Unit		
4	Genetics	Weaning – BU		
5	Genetics	Freeze Branding - BU		
6	Herd Health	Processing - BU		
7	Herd Health	Speaker – BU		
8	Nutrition	Rations – BU		10/12 – Midterm
9	Nutrition	Rations – BU		
10	Reproduction	Repro – BU		
11	Reproduction	Repro – BU		
12	Marketing	Beef Unit		
13	Marketing	Beef Unit		
14	Carcass Evaluation	Grading – ML		
15	Carcass Evaluation	Grading – ML		
16	Final			12/14 - Final

BU – Beef Unit; ML – Meats Lab

College of Ag Course Policies

(To be placed on a common web page and referenced in the syllabus)

All faculty in the College of Agriculture adhere to the policies listed or referenced below:

University Policies

(Including Student Rights, Academic Honesty, Student with Disabilities, and Use of Computing and Communications Technology)

See: <http://www.csuchico.edu/catalog/cat07/08EndMaterials/02UniversityPolicies.html>

Academic Rigor

Academic rigor means the consistent expectation of excellence and the aspiration to significant achievement. It should pervade the entire atmosphere of the University--teaching and learning, curriculum, evaluation of student and faculty, outreach, admissions, advising, and student life.

Rigorous Learning

Rigorous students are part of the equation of rigorous teaching and learning. A rigorous education is vigorous, difficult, deeply satisfying work, and it requires a lifestyle conducive to achieving excellence. College is not a temporary diversion or a period of entertainment, but a fundamental piece of student character, citizenship, and employment future. A diploma and good grades from a demanding institution count for something. Rigorous students

- Set high personal standards, develop a strong sense of purpose, come to class well-prepared, and complete assignments on time.
- Develop an effective relationship with the instructor, in and outside of class, and make the most of University advising and other services.
- Treat fellow students and the classroom environment with complete respect. Give each class full attention and participation. Do not miss class, arrive late, or leave early.
- Accept continuing responsibility for learning and for grades earned.
- Approach each class in a professional manner, as if the class were real employment. Treat a full-course load as full-time work and spend no less time on it. Determine exactly what is expected.
- Experiment with all teaching and learning strategies used in classes, and also determine which work best for them.
- Demonstrate complete honesty and integrity.

Rigorous Teaching

Rigorous faculty are role models for the behaviors and accomplishments the University seeks to promote. They demonstrate a high level of professionalism and commitment to the University and to their discipline and inspire in students an excitement about learning. Guiding students toward excellence, they

- Communicate high expectations and demonstrate them through a demanding syllabus and well-prepared classes.
- Encourage student-faculty contact in and out of class and offer conscientious advising and consistent availability.
- Encourage collaboration and active learning, fully involving students in the learning experience.
- Provide students early, prompt, and frequent feedback and develop appropriate assessment strategies.
- Emphasize time on task, clearly communicate time required for learning, make it clear that full-time study is full-time work, and design learning experiences so that homework matters.
- Develop approaches and strategies geared to diverse talents and ways of learning, while maintaining high standards of accountability.
- Reduce opportunities to engage in academic dishonesty and challenge its occurrence.

Miscellaneous Policies

- It is the student's responsibility to meet all appropriate deadlines for adding, withdrawing, etc. These deadlines can be found on the University web site at: <http://www.csuchico.edu/schedule/>
- Students are expected to turn off all pagers, cell phones and other electronic devices during class time.
- Students are expected to pay attention and participate in class meetings.
- All class participants are expected to exhibit respectful behavior to other students and the instructor.
- All students have the right and privilege to learn in the class, free from harassment and disruption.
- Inappropriate or disruptive behavior will not be tolerated, nor will lewd or foul language.

CELL PHONES RINGING OR TEXT MESSAGING IN CLASS RESULTS IN A REDUCTION OF ONE GRADE ON YOUR MIDTERM – NO QUESTIONS ASKED.....