

**CSU, Chico Animal Science - Agriculture
Spring, 2012**

Title: Beef Cattle Management (ANSC 471)

Instructor: David A. Daley

Class Schedule: MW - 11:00 - 11:50 (Lecture) @ Plumas 329
M - 2:00 - 4:50 (Lab) @ Beef Unit - Farm

Office: Plumas 206

Phone: 898-4539 or 6343 or 521-3826 (cell)

Office Hours: M 9:00-11:00, W 10:00-11:00 or by appointment

Required Text: Beef Production and Management Decisions, 5th edition.
Thomas G. Field, 2007. Pearson Prentice Hall.

Optional Text: Cow Calf Management Guide and Cattleman's Library
University of Idaho.

Course Content: An overview of the World, United States and California beef production systems. Industry segmentation (consumer, packer, retailer, feedlot, stocker, cow-calf and seedstock producer). Application of the principles of genetics, nutrition, meat science, reproduction, health and range management to current beef cattle production systems. The course will also entail a discussion of current issues and the status of a rapidly changing, diverse industry.

Laboratory: Labs are designed for both hands-on experience, as well as problem solving sessions, and will include a minimum of two field trips. Attendance at laboratory sessions is required. Lab reports will be assigned for selected labs.

All students will subscribe to one or two e-newsletters (list-serves) on cattle issues (Drover's Journal, Cattle Buyer's Weekly, Beef Daily, etc.) Approximately every 3 weeks, a short report/summary on a current issue directly affecting the cattle industry will be due. Information will be obtained from the daily/weekly e-newsletters.

Grading:	3 midterm exams, 15%	45%
	Problem sets, lab and lecture assignments, quizzes	25%
	(Includes 5 issues summary/reports)	
	Comprehensive Final	20%
	Attendance/Participation	10%

Grades assigned on a standard scale (90=A, 80=B, 70=C, 60=D)

NO LATE ASSIGNMENTS ARE ACCEPTED.

Bring a calculator for exams (minimum)

No food/drink during class.

Show up on time. More than 5 minutes late – don't come.

Computers in class are acceptable, but are used for class notes.

If you have to study for another class, during lecture, don't come.

Other: There may be some local field trips that will be required (and will substitute for labs at the University Farm).

**Harris Ranch Trip in late April – details to follow. Usually a \$25 room/transportation fee
Leave on Sunday and come back Monday evening.**

Lecture Outline - ANSC 471

Week	Topics	Date
1	- Overview of World, U.S, and California Beef Production	1/23-27
2	- Industry segmentation. Consumer, Retailer and Packer	1/30-2/3
3	- The Feedlot Industry	2/6-10
4	- Stocker, Yearling operations Exam 1	2/13-17
5	- The cow-calf industry	2/20-24
6	- Genetics/ Breeding Systems	2/27-3/2
7	- Breeding systems (continued)	3/5-9
8	- Records management and interpretation Review, Exam 2	3/12-16
	SPRING BREAK	3/19-23
9	- Nutrition	3/26-30
10	- Seed-stock Industry	4/2-6

11	- Cattle herd health	4/9-13
12	- Health programs Repro/AI/ES	4/16-20
13	- Range management Exam 3	4/23-27
14	- Marketing	4/30-5/4
15	- Beef industry issues and review	5/7-11

FINALS WEEK

Final -Monday, 5/14 @ 12-1:50