

Live Animal And Carcass Evaluation
ADVS 3650
Fall Semester 2002

<http://www.advs.usu.edu/people/bbowman/advs3650.html>

Teaching Goals:

This course provides a foundation of basic skills necessary for careers in livestock production or the meat industry.

Objectives:

Students will learn about the livestock industry and how meat plays an important role in animal agriculture; the role of animal production in determining the yield and quality of meat; as well as observing animals live to predict their carcass quality.

Instructor:

Brett Bowman
Ag Sci, Room 110
Phone: 797-2141

Required Text:

Livestock and Carcass - An Integrated Approach to Evaluation, Grading, and Selection. 5th Ed.
Boggs and R.A. Merkel (available in bookstore)

Schedule:

MWF - 2:30 p.m. - 5:30 p.m.

Grading:

Lab participation 20%
Lab Assignments 20%
Quizzes 20%
Exams 40%

Class Topics:

		Section
Aug. 26	Orientation	
Aug. 28	Introduction	1
Aug. 30	Growth & Development & Fattening	2
Sept. 4	Value Pricing - Guest Lecturer - Dick Whittier	
Sept. 6	Livestock Improvement Through Selection	3
Sept. 9	Supplement Aids in Livestock Selection	4
Sept. 11	Packers - Stockyard Act	
Sept. 13	Economic Impacts Traceability - Guest Speaker - Devon Bailey	
Sept. 16	Live Hog Evaluation, Grading & Pricing	5
Sept. 18	Pork Carcass Evaluation & Grading	6
Sept. 20	Evaluation of Swine Performance Data	7

Sept. 23	Visual Evaluation of Breeding Swine	8
Sept. 25	Swine Oral Reasons	
Sept. 27	Test (Sections 1-8)	
Sept. 30	Live Cattle Evaluation, Grading & Pricing	9
Oct. 2	Beef Carcass Evaluation, Grading	10
Oct. 4	Beef Quality Audit	
Oct. 7	Sensory Panel (Dick Whittier)	
Oct. 9	Evaluation of Beef Cattle Performance Data	11
Oct. 11	Genetics - Guest Lecturer - Randy Hill	
Oct. 14	Visual Evaluation of Breeding Beef Cattle	12
Oct. 16	Visual Evaluation of Breeding Beef Cattle	
Oct. 18	Oral Reasons Beef	
Oct. 21	Test (Sections 9-12)	
Oct. 23	Live Lamb Evaluation, Grading & Pricing	13
Oct. 25	Lamb Carcass Evaluation & Grading	14
Oct. 28	Meat Fabrication of Lamb (Dick Whittier)	
Oct. 30	Evaluation of Sheep Performance Data	15
Nov. 1	Visual Evaluation of Breeding Sheep	16
Nov. 4	Visual Evaluation of Breeding Sheep	
Nov. 6	Oral Reasons Sheep	
Nov. 8	Test (Section 13-16)	
Nov. 11	Evaluation of Dairy Cattle	
Nov. 13	Evaluation of Dairy Cattle	
Nov. 15	Evaluation of Dairy Cattle	
Nov. 18	Evaluation of Dairy Cattle	
Nov. 20	Evaluation of Horses	
Nov. 22	Evaluation of Horses	
Nov. 25	Evaluation of Horses	
Dec. 2	Contest	
Dec. 4		
Dec. 6	Review	
Dec. 11	Final Examination 2:30 p.m. to 4:20 p.m.	

Physical Impairments:

If a student has any physical disabilities or other problems that will likely require some accommodation by the instructor, these must be made known to the instructor during the first week of the course. Any requests for special considerations relating to attendance, pedagogy, taking of examinations, etc. must be discussed with and approved by the instructor prior to completion of the fifth day of the course. In cooperation with the Disability Resource Center, the course material may be provided in alternative format -- large print, audio, and braille.