

13. Semester schedule (note: some dates/speakers are tentative):

Date	Wk	Location	Topic
Aug 24	1	AS 135	Welcome, course overview, syllabus, student introductions. Introduction to the beef seedstock industry.
31	2	AS 135	Overview of the beef seedstock industry. Improving cattle genetics by selecting based on performance data. The CSU Seedstock Merchandising Team. Seedstock operation presentations (<i>hand-out sign-up sheet</i>). Due: Student Information Form & Permission Form (HW 1)
Sept 7	3	Field Trip (vans leave at 4:00 pm)	Visit Leachman Cattle of Colorado's (Wellington, CO) seedstock operation to learn seedstock production, approach to selecting cattle, and a 5-point subjective scoring system to visually evaluate bulls/heifers. Due: Seedstock operation you want to present on (hand-in sign-up sheet)
14	4	AS 135	Overview of ARDEC seedstock program, cowherd, goals, and facility. Example presentation (CSU ARDEC seedstock program and bull sale). Intro to adjusting beef cattle performance data.
15 (Fri)		-	OPTIONAL: 2017-2018 Seedstock Merchandising Team Applications due by 5:00 pm, hand in to Laura Bonner (Animal Sciences Bldg).
20		Lory Center	OPTIONAL: CSU Career Fair
21	5	ARDEC (vans leave at 4:00 pm)	View and discuss ARDEC cows, heifers, calf crop, Feed Intake Unit, and sale facility. Weaning team sign-up.
22-23		ARDEC	OPTIONAL: Attend Beef Cattle Stockmanship & Stewardship Workshop hosted by CSU at ARDEC with Curt Pate & Temple Grandin (Sept 22-23; discounted student rate of \$25). ~200 people will attend. See: http://www.cobqa.org/stockmanship--stewardship-regional-tour.html
Sept 28	6	AS 135	Exam 1 (first 45 minutes of class period) Adjusting beef cattle performance data based on BIF guidelines. Post weaning team assignments.
Oct 5	7	ARDEC (no vans)	"Process" 2017-born calves at ARDEC for pre-weaning in 2 teams (1.25 hrs/team, ~14 students/team; Team D = 4:15-5:30 pm, Team E = 5:30-6:45 pm). Collect performance data, DNA samples, tag, sort, etc. <i>Distribute raw performance data on ARDEC calves (for HW 2).</i>
12	8	AS 135	Seedstock marketing, promotion, merchandising, and sale strategies. Annual production calendar for a seedstock operation. Due: Adjusted performance data on ARDEC calves (HW 2) 4 student presentations.
16 (Mon)		Cheyenne, WY (vans leave 10 am)	REQUIRED: Field trip to attend the Berry Family's Hereford Bull Sale 17 miles northeast of Cheyenne – about 65 bulls sell, sale starts at 1:00 pm. Vans will leave CSU at 10:00 am (sharp!) and return by ~4:00 pm
19	9	ARDEC (vans leave at 4:00 pm)	Pre-sale photographing and video-taping of seedstock cattle
26	10	AS 135	Strategies for selecting bulls/heifers using visual & performance data. 4 student presentations. <i>Distribute blank visual evaluation sheets on ARDEC calves (for HW 3).</i> <i>Distribute: 1) "official" adjusted performance data, and 2) summary of visual evaluations on ARDEC calves.</i>
			Due: Visual evaluation data (5-point scale) on ARDEC calves (HW 3) in an excel file with data emailed in by Monday October 30 th at 5:00 pm.

Nov 2	11	ARDEC (vans leave at 4:00 pm)	Hands-on final selection of ARDEC calves – bulls, heifers, & steers. Due: Selection decisions for ARDEC calves. <i>Must hand in a printed copy of selection decisions with justifications at start of class (HW 4).</i>
9	12	AS 135	Choosing sires to improve a seedstock operation. 5 student presentations.
16	13	AS 135	U.S. beef cattle breed associations – their role in genetic improvement. 5 student presentations.
23	-	-	<i>NO CLASS – Thanksgiving Break</i>
28-30		Cheyenne	OPTIONAL: Attend 25 th Bi-annual Range Beef Cow Symposium at Little America, Cheyenne, WY cohosted by CSU (Nov. 28-30). ~700 ranchers will attend & big trade show (~100 companies) for job/internship seekers. There may be a discounted student rate. See: http://www.rangebeefcow.com/
30	14	AS 135	Artificial insemination in the beef industry. 5 student presentations.
Dec 7	15	AS 135	Course wrap-up. Evaluations. 5 student presentations. Due: 2-page bullet-point summary of your presentation via email (HW 5)
Dec 12		AS 135	Final Exam (8:30 – 10:30 pm)

Anticipated Spring 2018 CSU Seedstock Team Activities:		
Nov 28-30	25 th Bi-annual Range Beef Cow Symposium	Cheyenne, WY
Jan 6-15	National Western Stock Show activities – Hereford & Angus pen shows	Denver, CO
Jan 16-17	Colorado Cattlemen’s Assoc. mid-Winter Meeting at the state capitol	Denver, CO
Jan 29- Feb 4	National Cattlemen’s Beef Assoc. Annual Convention and Trade Show	Phoenix, AZ