

SC 100 - Laboratory Schedule
Fall, 2005
Location: Plant Science Building, W-212

<u>Week</u>	<u>Topic</u>
Aug 22	No labs scheduled this week
Aug 29	Introduction to laboratory Legume flower morphology Introduction of identification materials: Legumes
Sep 5	Leaves and stems of legumes and grasses Introduction of identification materials: Prohibited noxious weeds
Sep 12	GIS in Agriculture
Sep 19	Field trip to CSU Agricultural Research Development and Education Center (ARDEC)
Sep 26	The inflorescence of wheat, barley, and corn Introduction of identification materials: Wheat Identification quiz over legumes and prohibited noxious weeds
Oct 3	The inflorescence of oats and the introduction to the grass tribe study Introduction of identification materials: Restricted noxious weeds Identification quiz (materials introduced through September 26)
Oct 10	Keying of grasses utilizing the tribal characteristics Introduction of identification materials: Barley, oats, rye, triticale Identification quiz (materials introduced through October 3)
Oct 17	Keying of grasses utilizing the tribal characteristics Summary of grass tribes, Key out 4 unknowns Introduction of identification materials: Introduced grasses Identification quiz (materials introduced through Oct 10)
Oct 24	Tour the Colorado Seed Laboratory (No quiz)
Oct 31	Corn seedling and developmental morphology of corn Introduction of identification materials: Native grasses Identification quiz (materials introduced through Oct 17)
Nov 7	Bean seedling and developmental morphology of the soybean Introduction of identification materials: Corn, millet, sorghum, sudangrass Identification quiz (materials introduced through Oct 31)
Nov 14	Vegetative characteristics of grasses and selected weeds Introduction of identification materials: Common weeds Identification quiz (materials introduced through Nov 7)
Nov 21	FALL RECESS (Thanksgiving Vacation)
Nov 28	Grain grading and seed quality Introduction of identification materials: Miscellaneous crops Identification quiz (materials introduced through Nov 14)
Dec 5	FINAL Identification quiz (materials introduced through Nov 28) Tour the National Center for Genetic Resources Preservation

Summary of Laboratory Points

8 quizzes (drop the lowest one)				700
1 Key out/1 Seed Packet (50 points each)	100	1000 ÷ 10 =		100
1 Final Quiz				<u>200</u>
			Total	1,000 pts

SC100 - Lecture and Discussion Schedule

Fall, 2005

<u>Date</u>	<u>Subject</u>
8 - 22	Introduction - Agriculture USA
8 - 24	Agriculture USA
8 - 26	Agriculture USA
8 - 29	Crop Production in Colorado
8 - 31	World Food Production
9 - 2	Population and Food Supplies
9 - 5	No Class - Labor Day Holiday
9 - 7	GIS in Agriculture
9 - 9	Regions of Crop Production
9 - 12	Factors Influencing Plant Growth
9 - 14	The Plant Growth Process
9 - 16	Cropping Systems
9 - 19	Alfalfa
9 - 21	Other Forage Legumes
9 - 23	FIRST HOUR EXAM
9 - 26	Forage Handling Equipment
9 - 28	Crop Enemy No. 1: Weeds, Exam review
9 - 30	Weed Control Systems
10 - 3	Wheat Production
10 - 5	Wheat Production
10 - 7	Dryland cropping systems
10 - 10	Small Grain Equipment
10 - 12	Barley Production
10 - 14	Oat Production
10 - 17	Rye and Triticale Production
10 - 19	The Reproduction Process
10 - 21	Crop Improvement
10 - 24	The Plant Breeding Process
10 - 26	Soil Processes Influencing Crop Growth
10 - 28	SECOND HOUR EXAM
10 - 31	Crop Nutrition
11 - 2	Crop Nutrition
11 - 4	To Till or Not to Till - Exam Review
11 - 7	Tillage Systems
11 - 9	Corn Culture and Management
11 - 11	Corn Culture and Management
11 - 14	Row Crop Equipment
11 - 16	Sorghums and Millets
11 - 18	Soybeans
11 - 21-25	FALL RECESS (THANKSGIVING VACATION)
11 - 28	Field beans
11 - 30	Other Oilseed Crops
12 - 2	Forage Grasses
12 - 5	Forage Grasses
12 - 7	Sugar beets
12 - 9	REVIEW
12 - 14	FINAL EXAM 11:20 a.m. - 1:20 p.m.