

Spring 2007 - CSES 3134 – Soils in the Landscape

Detailed Schedule

<u>Date</u>	<u>Topic</u>	<u>Reading from Brady/Weil</u>
1/16	Organization & Introduction (WLD)	Chapter 1
1/18	Introduction to Soils (WLD)	Chapter 1
1/23	Weathering and Parent Material (WLD)	Chapter 2
1/25	Soil Forming Factors and Profiles (WLD)	Chapter 2
1/30	Soil Classification (JCB)	Chapter 3
2/1	Soil Classification and Mapping (JCB)	Chapter 3
2/6	Soil Physical Properties (WLD)	Chapter 4
2/8	Soil Physical Properties (WLD)	Chapter 4
	Quiz 1 on Chaps. 1-3	
2/13	Soil Water – Basics (WLD)	Chapter 5
2/15	Soil Water – Management (WLD)	Chapter 5
2/20	Soil Aeration/Redox (MJE)	Chapter 7
2/22	Soil Temperature (MJE)	Chapter 7
2/27	Soil Colloids – Basics (MJE)	Chapter 8
3/1	Soil Cation Exch. Capacity (MJE)	Chapter 8
3/13	Colloids & CEC Applications (MJE)	Chapter 8
3/15	Soil Acidity/Alkalinity (MJE)	Chapter 9
	Quiz 2 on Chaps. 4, 5 and 7	
3/20	Liming and pH relationships (MJE)	Chapter 9
3/22	Saline-sodic soils (MJE)	Chapter 9
3/27	Soil Organisms (WLD)	Chapter 10
3/29	Organisms and Soil Ecology (WLD)	Chapter 10
4/3	Phosphorus (MJE)	Chapter 13
4/5	Potassium and Micronutrients (MJE)	Chapter 13
4/10	Organic Matter (WLD)	Chapter 11
	Quiz 3 on Chaps. 8, 9 and 10	
4/12	Organic Matter Management (WLD)	Chapter 11
4/17	Organic Soils and Growth Media (WLD)	Chapter 11
4/19	Nitrogen (WLD)	Chapter 12
4/24	Sulfur (WLD)	Chapter 12
4/26	Soils and Water Quality/Nutrient Mgt. (WLD)	Chapter 14 (partial)
5/1	Soil Erosion (WLD)	Chapter 15 (partial)
5/5 (Sat.)	Final Exam @ 7:45 am	

WLD = Lee Daniels MJE = Matt Eick JCB = Jim Baker