Fall 2005 - CSES 4984/5984 – Wetland Soils/Advanced Wetland Soils

Detailed Schedule

Date	Topic	Reading from Richardson & Vepraskas
8/23	Introduction & Background (WLD)	Chapter 1
8/25	Introduction to Hydric Soils (WLD)	Chapter 2
8/30	Organic Matter Accumulation (JMG)	Chapter 6
9/1	Organic Soils and Hydric Soil Genesis (JMG)	Chapter 6
9/6	Wetland Soil Biogeochemistry - Redox (WLD)	Chapter 4
9/8	Wetland Soil Biogeochemistry - Biology (WLD)	Chapter 5
9/13	Wetland Hydrology – Overview (WLD)	Chapter 3
9/15	Wetland Hydrology – Water Budgets (WLD)	Chapter 3/Handouts
9/20	Hydric Soil Morphology (JMG)	Chapter 7/Handouts
9/22	Hydric Soil Morphology (JMG)	Chapter 7/Handouts
9/27	**Test #1 – Chapters 1, 2, 4-6**	
9/29	Research Methods (Merrill at Library)	
10/4	Hydric Soil Delineation/Indicators (JMG)	Chapter 8/Handouts
10/6	Hydric Soil Delineation/Indicators (JMG)	Chapter 8/Handouts
10/11	Agricultural Wetland Soils (Freymann)	Handouts
10/13	Agricultural Wetland Delineation (Freymann)	Handouts
10/18	Wetland Soil Impacts of Forestry Ops. (Aust)	Handouts
10/20	Forestry Impact Mitigation (Aust)	Handouts
10/25	Wetland soil landscapes – HGM (WLD)	Chapter 9/Handouts
10/27	**Test #2 – Chapters 7, 8, + handouts**	
11/1	Wetland Soils in Riverine Landscapes (JMG)	Chapter 12
11/3	Wetland Soils in Flatwoods Landscapes (JMG)	Chapter 14
11/8	Mitigation Overview (WLD)	Handouts
11/10	Reconstructing Hydric Soils for Mitigation (WLD)	Handouts
11/15	Tidal Marsh/Acid Sulfate Soils (WLD)	Chapter 13
11/17	Everglades restoration case study (WLD)	Handouts
11/29	Wetlands/Water Quality/Clean Water Act (Zipper)	Handouts
12/1	Constructed Wetlands for Acid Drainage (Zipper)	Handouts
12/6	Course review	

12/12 Monday (10:05 am) **Final Exam (Comprehensive)**

WLD = W. Lee Daniels JMG = John M. Galbraith