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Fall 9-1-2001

FOR 485.01: Watershed Management

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SYLLABUS

FALL 2001
WOODS & POTTS

FOR 485

WATERSHED MANAGEMENT

MEETING TIME: MWF 8-9 AM; Forestry 106

WEEK	DISCUSSION TOPIC	READING
09 / 05	Introduction - Water in the West	Chapter 1
09 / 10	The Watershed / Statistical Methods	Handouts / Chapter 20
09 / 17	Precipitation and Interception	Chapter 2
09 / 24	Evapotranspiration and Soil Water Storage	Chapter 3
10 / 01	Infiltration, Runoff and Streamflow EXAMINATION (10/05)	Chapter 4, Chapter 19
10 / 08	Groundwater	Chapter 5
10 / 15	Vegetation Management and Water Yield	Chapter 6
10 / 22	Surface Erosion and Control	Chapter 7
10 / 29	Gullies and Mass Movement	Chapter 8
11 / 05	Sediment Yield and Channel Processes	Chapter 9
11 / 12	Holiday, EXAMINATION (11/14) , Channel Processes	Chapter 9
11 / 19	H ₂ O Video Festival - THANKSGIVING BREAK	
11 / 26	Channel Classification and Channel Stability	Chapter 9, Handouts
12 / 03	Wetlands and Water Quality	Chapter 16, Chapter 10
12 / 10	Water Quality, TMDL's, BMP's, SMZ law	Chapter 10, Handouts
	Snow Hydrology *** (if time allows)	Chapter 15

TEXTBOOK: Brooks, et al. 1997. Hydrology and the Management of Watersheds
2d Edition. Iowa State University Press. 502 pp.

GRADING:	Quizzes and Homework	10%
	of final grade	
	First Examination	
	30% of final grade	
	Second Examination	

30% of final grade

Final Examination, December 17, 8-10 AM

30% of

final grade

GRADUATE STUDENTS - see me for Graduate Assignment