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Fall 9-1-2005

### FOR 386.01: Watershed Hydrology Laboratory

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<b>SYLLABUS</b>		
FALL 2005	FOR 386	POTTS
<b>WATERSHED HYDROLOGY LABORATORY</b>		
MEETING TIME: MONDAY 12 - 2 PM; J 106		

DATE	ASSIGNMENT
08 / 29	1. STATISTICS IN HYDROLOGY / INTRO. TO SPREADSHEETS / RECORDS
09 / 05	<b>No Lab – Labor Day</b>
09 / 12	2. WATERSHED CHARACTERISTICS Part 1
09 / 19	3. WATERSHED CHARACTERISTICS Part 2
09 / 26	4. SPATIAL AND TEMPORAL PRECIPITATION VARIATION
10 / 03	<b>Catch Up</b>
10 / 10	5. PRECIPITATION INTENSITY, DURATION AND FREQUENCY
10 / 17	6. MEASURING STREAMFLOW, ASSESSING CHANNEL STABILITY, MEASURING SUSPENDED SEDIMENT AND BEDLOAD, PRODUCING STAGE-RATING AND SEDIMENT-RATING CURVES, GRAPHING CHANNEL CROSS-SECTIONS, SUBSTRATE SIZE DISTRIBUTION ANALYSIS - Field site to be announced. .
10 / 24	7. COMPARISON OF CLIMATES - Climatograms and Et Estimates
10 / 31	<b>Halloween! Catch Up</b>
11 / 07	8. ANALYSIS OF STREAMFLOW VARIABILITY
11 / 14	9. FLOOD FREQUENCY ANALYSIS
11 / 21	<b>Thanksgiving Week! Catch Up</b>
11 / 28	10. WATER QUALITY
12 / 05	ALL UNGRADED LABS MUST BE TURNED IN!!!!
GRADING POLICY: Labs will be graded on a 10-point basis, e.g. 10/10 or 9.5/10. Any lab graded less than 7/10 must be redone and turned in for grading a second time. Completed labs must be turned in at the beginning of the next lab session.	