

## Tentative Class Topics and Activities for Applied Hydraulics, Fall 2007

Week	Dates	Topics	Possible Armfield Expt. Nos.	Professor in Charge
1	Aug. 20-23	Uniform Flow Equations		Bowen
1	Aug. 27-30	Specific Energy, Critical Flow, Flow Over past Obstacles, steps	F, Q	Bowen
Labor Day Week, September 3 – 7, no labs or lectures				
3	Sep. 10-13	Flow Measurement, Weirs and Gates	B, C, D, E, P	Saunders
4	Sep. 17-20	Hydraulic Jump, Sub and Supercritical Flow	F, G	Bowen
5	Sep. 24-27	Radial Gates, Effects of Bed Roughness	R	Saunders
6	October 1 – October 4	Computer Applications, <b>In-class Exam</b>		Saunders
	Oct. 8	<b>Fall Break, no class</b>		
7	Oct. 15	Culverts	J	Saunders
8	Oct. 22	Gradually Varied Flow 1		Bowen
9	Oct. 29	Gradually Varied Flow 2		Bowen
10	Nov. 5	Spillways	L, M, N	Saunders
11	Nov. 12	Gradually Varied Flow, Computer Applications		Bowen
12	Nov. 19	Sediment Transport		Bowen
13	Nov. 26	Hydrologic Abstractions		Saunders
14	Dec. 3	Ground Water Flow		Saunders