

Month		Day	Mon/Wed	TOPIC MAY CHANGE WATCH FOR UPDATES	Reading	lab manual#	lab topic
GEGN 467 Ground Water Engineering inside.mines.edu/~e poeter/467				Professor Eileen Poeter Office Hours: Mon and Wed 10-10:45 for exceptions, check inside.mines.edu/~epoeter/OfficeHours.htm and by appointment BH121B epoeter @ mines.edu 303-273-3829 fax 303 384 2037	Applied Hydrogeology 4th edition by Fetter		Teaching Assistant Tess Weathers Office location TBA Office hours TBA tess.weathers@gmail.com
AUG	25	W		Introduction / Units / Water Cycle	Chpt 1		initial skills assessment
AUG	30	M		Water Budget 1	Chpt 2		
SEP	1	W		Water Budget 2	"	1	water budget 1
SEP	6	M (LD)		Water Budget 3	"		
SEP	8	W		Porosity / Capillarity / Head	3.1-3.3, 6.1-6.3	2	water budget 2
SEP	13	M		Head / K / Darcy's Law	3.4-3.12 4.1-4.6		
SEP	15	W		Head / K / Darcy's Law continued	"	6	bulk density, particle density, porosity ADD CAPILLARY
SEP	20	M		Head / K / Darcy's Law continued	"		
SEP	22	W		Heterogeneity		7	Darcy's Law and K
SEP	27	M		Storage / Flow Equations	4.7-4.10 4.13-4.14		
SEP	29	W		Flow Nets	4.11-4.12, Chpt 7	8 & supp	flow nets
OCT	4	M		Flow Nets / Flow Visualization			
OCT	6	W		Well Hydraulics 1 - Predict Head Steady & Transient	Chpt 5	9	ideal aquifer tests
OCT	11	M		Well Hydraulics 2 - Estimate Transmissivity and Storage	"		
OCT	13	W		EXAM I (Material up to and including Mon Oct 4)			no lab
OCT	18	M		NO CLASSES AT CSM - Fall Break			
OCT	20	W		Discuss Exam and Well Hydraulics 3 - Leaky / Unconfined	"	10	nonideal aquifer tests
OCT	25	M		Well Hydraulics 4 - Superposition / Specific Capacity	"		
OCT	27	W		Well Hydraulics 5 - Slug Testing	"	CANCELED	conduct your own mini-pump test
NOV	1	M		Water Chemistry 1 - Fundamentals and pH	Chpt 9		
NOV	3	W		Water Chemistry 2 - Sampling and Presentation	"	POSTPONED	clean up your own mini-contaminant plume
NOV	8	M		Water Chemistry 3 - Equilibrium, Solubility, Saturation Index, Alkalinity	"		
NOV	10	W		Water Chemistry 4 - Using Water Chemistry to Interpret GW Systems	"	5	Ground Water Chemistry
NOV	15	M		Water Chemistry 5 - Water Quality	"		
NOV	17	W		Contaminant Transport	Chpt 10	Quiz	Project Analysis - Labs 15-18 - Skills Assessment Quiz
NOV	22	M		EXAM II (Material up to and including Mon Nov 15)	"		
NOV	24	W (TG)		NO CLASSES AT CSM - Thanksgiving Break			no lab
NOV	29	M		Discuss Exam and Contaminant Transport continued	"		
DEC	1	W		Ground Water Management / Remediation	Chpt 11 & 13	supplement	clean up mini contaminant plume
DEC	6	M		Ground Water Modeling	"		
DEC	8	W		"Closing/Catch-Up" and as time allows work on lab in class		supplement	Ground Water Modeling - Complete in lab (Project Analysis Lab Due)
DEC	TBA	TBA		Final EXAM time TBA			