

GEGN 466 Ground Water Engineering www.mines.edu/~epoeter/466			Professor Eileen Poeter Office Hours: Monday 2-3:30 & Wednesday 9-10:30 for exceptions, check www.mines.edu/~epoeter/OfficeHours.htm and by appointment BH121B epoeter @ mines.edu 303-273-3829 fax 303 384 2037	
Month	Day	Mon/Wed	TOPIC MAY CHANGE WATCH FOR UPDATES	Reading
AUG	20	W	Introduction / Units / Water Cycle	Chpt 1
AUG	25	M	Water Budget 1	Chpt 2
AUG	27	W	Water Budget 2	"
SEP	1	M (LD)	Water Budget 3	"
SEP	3	W	Porosity / Capillarity / Head	3.1-3.3, 6.1-6.3
SEP	8	M	Head / K / Darcy's Law	3.4-3.12 4.1-4.6
SEP	10	W	Head / K / Darcy's Law continued	"
SEP	15	M	Head / K / Darcy's Law continued	"
SEP	17	W	Heterogeneity	
SEP	22	M	Flow Nets	4.11-4.12, Chpt 7
SEP	24	W	Flow Nets / Flow Visualization	
SEP	29	M	Storage / Flow Equations	4.7-4.10 4.13-4.14
OCT	1	W	EXAM I (Material up to and including Wed Sept 24)	
OCT	6	M	Exam Discussion/Well Hydraulics 1 - Predict Head Steady & Transient	Chpt 5
OCT	8	W	Well Hydraulics 2 - Estimate Transmissivity and Storage	"
OCT	13	M	NO CLASSES AT CSM	
OCT	15	W	Well Hydraulics 3 - Leaky / Unconfined	"
OCT	20	M	Well Hydraulics 4 - Superposition / Specific Capacity	"
OCT	22	W	Well Hydraulics 5 - Slug Testing	"
OCT	27	M	Water Chemistry 1 - Fundamentals and pH	Chpt 9
OCT	29	W	Water Chemistry 2 - Sampling and Presentation	"
NOV	3	M	Water Chemistry 3 - Equilibrium, Solubility, Saturation Index, Alkalinity	"
NOV	5	W	EXAM II (Material up to and including Wed Oct 29)	
NOV	10	M	Water Chemistry 4 - Using Water Chemistry to Interpret GW Systems	"
NOV	12	W	Water Chemistry 5 - Water Quality	Chpt 10
NOV	17	M	Contaminant Transport	"
NOV	19	W	Contaminant Transport continued	
NOV	24	M	Ground Water Modeling	Chpt 11 AND 13
NOV	26	W (TG)	NO CLASSES AT CSM	
DEC	1	M	Ground Water Management / Remediation	"
DEC	3	W	No Class	