









E.	CHAPTER 0. CONSTRUCTION EQUIPMENT AND METHODS			
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	Week	Date	Topic of Discussion	Source
	1	W, Jan. 29	Introduction to Course (General Overview)	Chapter 1
10	2	M, Feb. 3 W, Feb. 5	Introduction Equipment Cost	Chapter 1 Chapter 3
	3	M, Feb. 10 W, Feb. 12	Equipment Cost (cont'd) Geotechnical Materials	Chapter 3 Chapter 4
	4	M, Feb. 17 W, Feb. 19	Geotechnical Materials (cont'd) Compaction and Stabilization	Chapter 4 Chapter 4
	5	M, Feb. 24 W, Feb. 26	Compaction and Stabilization (cont'd) Machine Power	Chapter 4 Chapter 5
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B.	CHAPTER 0. CONSTRUCTION EQUIPMENT AND METHODS			
- Au	Course Syllabus <u>Course outline & schedule (cont'd):</u>			
	Week	Date	Topic of Discussion	Source
	6	M, Mar. 3 W, Mar. 5	Dozers Scrapers	Chapter 6 Chapter 7
	7	M, Mar. 10 W, Mar. 12	Excavators Finishing Equipment	Chapter 8 Chapter 9
	8	M, Mar. 17 W, Mar. 19	Trucks and Hauling Equipment MIDTERM EXAM	Chapter 10
		Mar. 24-30	**** SPRNG BREAK (NO CLASSES) ****	
	9	M, Mar. 31 W, Apr. 2	Trucks and Hauling Equipment Compressed Air	Chapter 10 Chapter 11
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	COURSE OUTLINE & SCHEDULE (cont'd):					
	Week	Date	Topic of Discussion	Source		
	10	M, Apr. 7 W, Apr. 9	Compressed Air Drilling Rock and Earth	Chapter 11 Chapter 12		
	11	M, Apr. 14 W, Apr. 16	Drilling Rock and Earth Blasting Rock	Chapter 12 Chapter 13		
	12	M, Apr. 21 W, Apr. 23	Aggregate Production Cranes	Chapter 14 Chapter 17		
	13	M, Apr. 28 W, Apr. 30	Draglines and Clamshells Piles and pile-Driving Equipment	Chapter 18 Chapter 19		
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and	CHAPTER 0. CONSTRUCTION EQUIPMENT AND METHODS						
C.A.	Course Syllabus						
	COURSE OUTLINE & SCHEDULE (cont'd):						
	Week	Date	Topic of Discussion	Source			
2	14	M, May. 5 W, May 7	Equipment for Pumping Water Belt-Conveyer Systems + Review	Chapter 20 Handout			
	15	M, May 12 W, May 14	Project Presentations (Groups 1, 2, 3, and 4) Project Presentations (Groups 5, 6, and 7)				
	16	Tu, May 20	FINAL EXAM (Tuesday, 1:30 pm – 3:30 pm, CHM (0119)				
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Chapter 0. Construction equipment and methods Course Syllabus

HOMEWORK ASSIGNMENTS:

Professional presentation of homework assignments is required. Professional presentation consists of neat and organized solution of problems on one side of 8.5"x11" papers. Any homework not complying with professional standards will not be graded and will be assigned zero credit. The homework assignments are due one week after they are assigned. Homework will be assigned as the material is covered and will be collected every Monday at the beginning of the lecture period. Assignments turned in late will be docked 10% for each day it is late past the original due date. Solutions will be available from the TAs and on the class website after the problems are returned. No assignment will be accepted after the answers have been posted. Students are encouraged to discuss and formulate solutions to the problems by working in teams. However, assignments must be completed and submitted individually. Simply copying the answers from another student or from a solutions manual is not acceptable and will not be tolerated.

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