

**CE 343 Soil Mechanics
Spring 2017**

COURSE CONTENTS

(This could be changed without notice to accommodate class progress)

Date of Class	Topics	Book Sections
Wed 1/11	Course objectives, policies, expectations. Introduction	1.1 - 1.5
Fri 1/13	Engineering Geology	2.1 - 2.4
Mon 1/16	Martin Luther King, Jr. Holiday - No class	
Wed 1/18	Engineering Geology	2.5 - 2.7
Fri 1/20	Site Exploration and Characterization part 1	3.1 - 3.4
Mon 1/23	Site Exploration and Characterization part 2	3.5 - 3.9
Wed 1/25	Site Exploration and Characterization part 3	3.10 - 3.13
Fri 1/27	Soil Composition part 1	4.1 - 4.4
Mon 1/30	Soil Composition part 2	4.5 - 4.8
Wed 2/1	Soil Classification part 1	5.1 - 5.3
Fri 2/3	Soil Classification part 2	5.4 - 5.6
Mon 2/6	Excavation, Grading, and Compacted Fill part 1	6.1 - 6.3
Wed 2/8	Excavation, Grading, and Compacted Fill part 2	6.4 - 6.6
Fri 2/10	Excavation, Grading, and Compacted Fill part 3	6.7 - 6.9
Mon 2/13	Review for Midterm Exam #1	
Wed 2/15	Midterm Exam #1 (Chapters 1, 2, 3, 4, 5, 6)	
Fri 2/17	Groundwater - Fundamentals and One-D Flow part 1	7.1 - 7.2
Mon 2/20	Groundwater - Fundamentals and One-D Flow part 2	7.3
Wed 2/22	Groundwater - Fundamentals and One-D Flow part 3	7.4
Fri 2/24	Groundwater - Multidimensional Flow part 1	8.1 - 8.3
Mon 2/27	Groundwater - Multidimensional Flow part 2	8.4 - 8.6
Wed 3/1	Groundwater - Multidimensional Flow part 3	8.7 - 8.8
Fri 3/3	Stress part 1	9.1 - 9.3
Mon 3/6	Stress part 2	9.4 - 9.6
Wed 3/8	Stress part 3	9.7 - 9.8
Fri 3/10	Stress part 4	9.9 - 9.10
3/11 - 3/19	Spring Recess	
Mon 3/20	Compressibility and Settlement part 1	10.1 - 10.4

Wed 3/22	Compressibility and Settlement part 2	10.5 - 10.7
Fri 3/24	Compressibility and Settlement part 3	10.8 - 10.10
Mon 3/27	Compressibility and Settlement part 4	10.11 - 10.13
Wed 3/29	Rate of Consolidation part 1	11.1 - 11.3
Fri 3/31	Rate of Consolidation part 2	11.4 - 11.5
Mon 4/3	Rate of Consolidation part 3	11.6 - 11.7
Wed 4/5	Review for Midterm Exam #2	
Fri 4/7	Midterm Exam #2 (Chapters 7, 8, 9, 10, 11)	
Mon 4/10	Soil Strength part 1	12.1 - 12.2
Wed 4/12	Soil Strength part 2	12.3 - 12.4
Fri 4/14	Soil Strength part 3	12.5 - 12.6
Mon 4/17	Soil Strength part 4	12.7 - 12.8
Wed 4/19	Soil Strength part 5	12.9
Fri 4/21	Soil Strength part 6	12.10
Mon 4/24	Soil Strength part 7	12.11
Wed 4/26	Optional Subject	
Fri 4/28	Optional Subject	
Mon 5/1	Review for final exam (TCE Evaluation)	
Wed 5/3	Review for final exam	
Mon 5/8	Final Exam - Comprehensive 1:00pm - 3:00pm	