

University of Southern California
CE 408: Risk Analysis in Civil Engineering
Fall 2006

Instructor: Roger Ghanem, ghanem@usc.edu
Class: Monday, Wednesday, 3:30-4:45pm in ZHS 252
Office Hours: Monday, Wednesday, 4:45-5:45pm
Teaching Assistant: Arash Noshadravan, noshadra@usc.edu
 Office hours: KAP 239, Thursday, 2-5pm, and Friday 3-4pm
Text: A.H-S. Ang and W.H. Tang, *Probability Concepts in Engineering* John Wiley and Sons 2007
 Recommended: Matlab Student Version
Homework: Homeworks are due every Monday, before class.
Grading: 1st exam 20%
 2nd exam 20%
 final exam 40%
 homeworks 20%
Attendance: Regular and prompt attendance expected
Discussion sessions: Tuesday 1-2pm in GFS 202 and 4-5pm in KAP 158

Lecture	Date	Reading Assignment	Homework Assignment
1	M Aug 21	Chapter 1; 2.1	Click here for a scanned copy of the 1st homework problems 2.1, 2.2
2	W Aug 23	2.2	2.3, 2.4, 2.5, 2.6, 2.7
3	M Aug 28	2.3, 2.4	Click here for a scanned copy of the 2nd homework problems 2.61, 2.63, 2.64, 2.65, 2.66, 2.68, 2.69
4	W Aug 30	3.1, 3.2.1-3.2.5	3.1, 3.2, 3.3, 3.4
	M Sep 4	Labor Day - no class	
5	W Sep 6	3.2.6-3.2.11	Click here for a scanned copy of the 3rd homework problems 2.29, 2.31, 2.32, 2.39, 3.5, 3.6
6	M Sep 11	3.3, 3.4	Click here for a scanned copy of the 4th homework problems 3.8, 3.11, 3.14, 3.15, 3.17
7	W Sep	Chapter 3 review	3.18, 3.22, 3.44, 3.47, 3.50, 3.51, 3.57

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8	M Sep 18	Chapter 3 review	3.55 , 3.53 , 3.35
9	W Sep 20	Chapter 3 review	3.33
10	M Sep 25	Problem Solving Session	
11	W Sep 27	1st EXAM	
12	M Oct 2	4.1, 4.2	3.58 , 3.59
13	W Oct 4	4.2,	4.1 4.2 , 4.3
14	M Oct 9	4.2	4.5 , 4.7 , 4.8 , 4.15
15	W Oct 11	4.3	4.17 , 4.26
16	M Oct 16	6.1, 6.2	, 4.32 , 4.36 , 4.38
17	W Oct 18	6.3	
18	M Oct 23	6.4, 6.5, 6.6	6.7 6.8 , 6.13
19	W Oct 25	7.1, 7.2, 7.3	
20	M Oct 30	7.4, 7.5	
21	W Nov 1	Problem Solving Session	
22	M Nov 6	2nd EXAM	
23	W Nov 8	8.1, 8.2, 8.3	
24	M Nov 13	8.4, 8.5, 8.6	
25	W Nov 15	8.7, 8.8	
26	M Nov 20	9.1, 9.2, 9.3	

27	W Nov 22	9.4, 9.5	
28	M Nov 27	9.6	
29	W Nov 29	Problem Solving Session	
	Dec	Final Exam	

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