

CME 205 - FALL 2011

CME 205 – Structural Analysis - I Call Number: 22656

<http://www.uic.edu/classes/cmeng/cmeng205cwu>

Text: Structural Analysis (4th ed.) A. Kassimali

<https://blackboard.uic.edu/webapps/login>

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Office Hrs: 9-11 & 1-3 Tu & 1-3 Th

Week	Day	Date	Lecture	Self-study Problems	Quiz/HomeAssignment	
01	Tue	AUG 23	3.1-3.7	Reading: Chapters 1 & 2	Tentative due day in red	Equilibrium Reactions
	Thu	25	3.1-3.7	3.1b,d, 3.4c, 3.7, 3.13, 3.34	Due day in blue	
02	Tue	30	4.1-4.8	4.3a,b,c,d	Q/HA1(3.1-3.7)	Plane Truss
	Thu	SEPT 01	4.1-4.8	4.9, 4.27, 4.32		
03	Tue	06	5.1-5.6	5.7, 5.23, 5.51 Day after Labor Day	Q/HA2(4.1-4.8)	Shear Bending
	Thu	08	5.1-5.6	5.62, 5.68		
04	Tue	13	6.1-6.6	6.2, 6.6		Beam Deflections
	Thu	15	6.1-6.6	6.14, 6.18, 6.40	Q/HA3(5.1-5.6)	
05	Tue	20	REVIEW			Deflections
	Thu	22	7.1-7.4	7.2, 7.10	Q/HA4 (6.1-6.6)	
06	Tue	27	EXAM I (Chapters 3, 4, 5, 6)			Energy
	Thu	29	7.1-7.4	7.23, 7.27	Q/HA5 (7.1-7.3)	
07	Tue	OCT 04	7.1-7.5	7.32, 7.34		Method
	Thu	06	7.1 -7.5	7.38, 7.40	Q/HA6 (7.1-7.5)	
08	Tue	11	8.1-8.5			Influence
	Thu	13	8.1-8.5	8.4, 8.13, 8.16	Q/HA7 (8.1-8.5)	
09	Tue	18	8.1-8.5	8.41, 8.46		Lines
	Thu	20	REVIEW		Q/HA8 (8.1-8.5)	
10	Tue	25	13.1, 13.2	13.1, 13.20		Statically
	Thu	27	13.3	13.37, 13.42	Q/HA9 (13.1-13.3)	
11	Tue	NOV 01	EXAM II (Chapters 6, 7, 8)			Indeterminate
	Thu	03	13.4	13.49, 13.55		
12	Tue	08	16.1, 16.2, 16.3	16.1, 16.14		Structures
	Thu	10	16.4	16.17, 16.18	Q/HA10 (13.1-13.3)	
13	Tue	15	16.5	16.24		Structures
	Thu	17	17.1, 17.2, 17.3	17.1, 17.8, 17.9	Q/HA11 (16.1-16.5)	
14	Tue	22	17.4, 17.5	17.19, 17.26		Structures
	Thu	24	Thanksgiving			
15	Tue	29	17.4, 17.5	17.29	Q/HA12 (17.1-17.4)	Structures
	Thu	DEC 01	Review			

Final Exam (Comprehensive)

Grading: Quizzes & Home Assignments (20%) + Exam I (25%) + Exam II (25%) + Final (30%) = 100%

Grades: A>90>B>75>C>65>D>50>E