

CE203 CIVIL ENGINEERING SYNTHESIS I SPRING 2007

Wk	Date	Topic	Chap
1	Jan 8, 10	Introduction, EEA Decision Making, Intro to Communication Concepts	1
2	Jan 19	EEA Costs and Cost Estimating, Technical Communication Guide	2
3	Jan 22, 24	EEA Interest and Equivalence, Bloom's Taxonomy, Critical Thinking, De Bono Lateral Thinking	3
4	Jan 29, 31	EEA Interest, Memo, email, and letter of introduction	4
5	Feb 5, 7	EEA Review/ First Exam	
6	Feb 12, 14	EEA Present Worth Analysis, Globalization (reading in The World is Flat, by Thomas Friedman)	5
7	Feb 19, 21	EEA Present Worth Analysis Continued	5
8	Feb 26, 28	EEA Cash Flow Analysis	6
9	Mar 5, 7	EEA Cash Flow Analysis Continued	6
	Mar 12- 16	Spring Break	
10	Mar 19, 21	EEA Review/ Second Exam	5-6
11	Mar 26, 28	EEA Rate of Return Analysis	7
12	Apr 2, 4	EEA Rate of Return Analysis, Continued	7
13	Apr 9, 11	EEA Review	
14	Apr 16, 18	Group Presentations	
15	Apr 23 - 27	Group Presentations	

Text: Newman, Lavelle, and Eschenbach. *Engineering Economic Analysis*, 9th Edition. Oxford University Press, 2004 [EEA], Supplemental notes, CCEE Technical Communication Guide: see www.ccee.iastate.edu/fileadmin/www.ccee.iastate.edu/academics/commguide.pdf

Grading: 2 midterm exams @ 20% each, final 25% total: 65% Homework, presentations, and group assignments: 35%
Course homepage: <http://www.public.iastate.edu/~tge/courses/ce203>

Professional Development: as part of the course objectives you will be required to attend at least two professional presentations by outside speakers (i.e., outside of class time, ASCE, AGC, TSA speaker meetings for instance). You will need to write a brief paragraph describing the presentation. You will also need to obtain the signature of the speaker or a faculty member present to get credit for attending. Each of these will be included as a homework grade. Additional attendance and documentation will be counted toward extra credit.

Lecture Instructor:

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Office Hours: Tuesdays 9:00 - 10:00
 Fridays 11:00 - 12:00
 or by appointment

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If you have a documented disability and anticipate needing accommodations in this course, please make arrangements to meet with me soon. Please request that a Disability Resources staff send a SAAR form verifying your disability and specifying the accommodation you will need.