

Homework 1.**Due: 3:35pm, Monday September 19, 2005.**

Please use a word processor (for example, MS Word) for preparing your answers. Use double spacing and at least 10 point font.

QUESTION 1.

Hurricane Katrina has raised numerous engineering issues related to flood protection, evacuation prior to and following natural disasters, restoration of essential services and the rebuilding of coastal towns and New Orleans. Find an a newspaper or magazine article that describes some of these issues or how engineers have been involved. Write a brief description (one paragraph) of events or issues covered in the article the article. Be sure to explain why you thought it was interesting and relevant, and the source (title, author, date, publication).

Examples of suitable articles include:

http://www.nytimes.com/packages/html/national/2005_HURRICANEKATRINA_GRAPHIC/index.html

http://online.wsj.com/article/0,,SB112603869789333061,00.html?mod=todays_us_page_one

http://www.newyorker.com/talk/content/articles/050912ta_talk_mcphee

QUESTION 2.

Build a glossary for 10 civil engineering terms. You can use terms you find in your text, on websites (for example, see the syllabus, the course webpage and the text). The glossary should list the terms in alphabetical order and include a one-sentence description of the term. Pay attention to layout.

QUESTION 3.

Review the facts presented in the facts for “The 2002 NSPF Milton F. Lunch Ethics Contest” presented on page 104 of the Moaveni text. Was it ethical for engineer A to accept the invitation to visit XYZ headquarters? Explain your answer in terms of the one of the codes of ethics presented in the text or in class. Your response should be brief review the fact and then present a clear and concise explanation of your answers and how it relates to one of the codes.

QUESTION 4.

Develop a table like that page 37 of the text. Fill in the table indicating times set aside for class, studying, relaxing, eating, socializing, sleeping, exercising, basic chores (for example, laundry and shopping) and traveling based on your own habits and schedule.

Comment (one or two sentences) on whether or not you have the appropriate balance between work, living and having fun.

GRADING SHEET – HOMEWORK 1.

CIEG 125 - Introduction to Civil Engineering.

NAME: _____

This sheet MUST be stapled to the front of your homework.

		Points awarded	Max points
General Presentation (15 points total)	Name, Date, Assignment #		3
	Neatness		4
	Logical Presentation		4
	Spelling/Grammar		4
Question 1. (20 points total)	Summary		5
	Interesting?		5
	Relationship to engineering		5
	Source		5
Question 2. (25 points total)	Layout		5
	Glossary entries (10 x 2 points per entry)		20
Question 3. (20 points total)	Summary		5
	Response to the question		5
	Relationship to the code of ethics		5
Question 4. (20 points total)	Table layout		10
	Completeness		5
	Comment		5
TOTAL			100