

## Assignment Schedule

Closely observe the following on all homework assignments:

Show ALL work - if I can't easily see what you have done, having the correct answer will not matter. I will mark it "wrong".

Include units in all answers when units are given with inputs.

Neatness, or lack of, can be 30% of your grade. Your work should look professional.

All numerical problems must be done in pencil. Mistakes must be erased, not scratched out. Work done in ink will not be accepted. When giving final answers use "approximate numbers" i.e. decimal values. **Do not leave answers in terms on  $\pi$  or fractions.**

Out of class writing assignments MUST be done with a word processor. Use template.doc that is provided at: <http://www.uncwil.edu/preeng/files/assignments/>.

Written assignments can be submitted as email attachments but not in the body of an email. Acceptable word processing formats are WordPerfect, Word, and RTF, but not MS Works (unless you can Save As ... an RTF format).

**Course web page:** <http://www.uncw.edu/preeng/egn101.htm>. It will contain this schedule, the course syllabus, study guides for quizzes, and other links.

Class Date	Reading Assign.	Lecture Topic and Homework Assignment	Due
Wed Aug 19	Chap. 1	Course introduction. Autobiography assignment (optional)	
Mon Aug 24	Chap. 2	Introduction to the program. <u>Writing Assign 1:</u> write a minimum one page summary of one of the <a href="#">greatest engineering achievements of the 20<sup>th</sup> Century</a> listed at the course web site. <b>Format:</b> <a href="http://www.uncw.edu/preeng/files/assignments/template.doc">http://www.uncw.edu/preeng/files/assignments/template.doc</a>	Autobiography
Wed Aug 26	Chap. 3 & 4	Introduction to the profession. <u>Writing Assign 2:</u> write a minimum one page summary of the difference between the scientist, the engineer, the engineering technologist, and the technician.	Writing Assign 1
Mon Aug 31	Chap. 6	Profiles of engineers and professional registration. <u>Writing Assign 3:</u> choose three profiles in Chap. 3 and write a one-page summary comparing and contrasting those you chose. ( <a href="http://www.uncw.edu/preeng/egn101/profreg.htm">www.uncw.edu/preeng/egn101/profreg.htm</a> ) <sup>A</sup>	Writing Assign 2
Wed Sep 2		Problem solving. <u>Problem Set 1: handout</u> Format: <a href="http://www.uncw.edu/preeng/files/assignments/homework/ex-prob.pdf">http://www.uncw.edu/preeng/files/assignments/homework/ex-prob.pdf</a> .	Writing Assign 3 quiz (A)
Mon Sep 7		<b>Labor Day</b>	
Wed Sep 9		Problem solving continued	
Mon Sep 14	Chap. 5 <sup>B</sup>	Design problem. <u>Assignment: design problem</u>	Problem Set 1
Wed Sep 16	Chap. 8	Problem solving. <u>Problem Set 2: handout</u>	quiz (B)
Mon Sep 21		Teaming	Problem Set 2
Wed Sep 23	handout <sup>C</sup>	Problem solving. <u>Problem Set 3: handout</u>	
Mon Sep 28		Numbers. <u>Problem Set 4: handout</u>	Problem Set 3 quiz (C)
Wed Sep 30	Chap. 9	Engineering Activity - ECU	Problem Set 4
Mon Oct 5		<b>Fall Break</b>	

Class Date	Reading Assign.	Lecture Topic and Homework Assignment	Due
Wed Oct 7	Chap. 11 <sup>D</sup> (307-315)	Design	
Mon Oct 12	Chap. 11 (316-335)	Ethics: <u>Problem Set 5: Chap. 11, problems 5-8</u>	quiz (D)
Wed Oct 14		Writing Assign 4: web page assignment - read entire story of the Citicorp Tower dilemma ( <a href="http://onlineethics.org/CMS/profpractice/exempindex/lemesindex.aspx">http://onlineethics.org/CMS/profpractice/exempindex/lemesindex.aspx</a> ) and write a one-page summary.	Problem Set 5
Mon Oct 19	Chap. 7 <sup>E</sup>	Computer literacy	Writing Assign 4
Wed Oct 21		Computer literacy. <u>Problem Set 6: handout</u>	
Mon Oct 26		Engineering activity: GE	quiz (E), <b>design progress report</b>
Wed Oct 28		Unit consistency in equations, unit conversions. <u>Problem Set 7: handout</u>	Problem Set 6
Mon Nov 2		Unit systems. <u>Problem Set 8: handout</u>	Problem Set 7
Wed Nov 4		Temperature conversions <u>Problem Set 9: handout</u>	Problem Set 8
Mon Nov 9	Chap. 10 <sup>F</sup>	Force- mass conversions. <u>Problem Set 10: handout</u>	Problem Set 9
Wed Nov 11		Data presentation: Graphs. <u>Writing Assign 5: Resume</u>	quiz (F) Problem Set 10
Mon Nov 16		Engineering activity - Corning	Writing Assign 5
Wed Nov 18		Spreadsheet graphing. <u>Problem Set 11: handout. All graphs must be produced with a spreadsheet.</u>	
Mon Nov 23		Data presentation: Tables	Problem Set 11
Wed Nov 25		<b>Thanksgiving Break</b>	
Mon Nov 30		Engineering activity	
Wed Dec 2		<b>Design projects due</b> - last day of class.	Design problem
Wed Dec 9		Exam: 3:00 - 6:00 p.m.	

**Note:** the schedule above is subject to change due to adverse weather conditions (hurricanes!!), speaker's schedules, and any other reasons determined to be appropriate by the instructor. Revised schedules will be distributed if there is a schedule change.