Math 102Q – 06: Problem Solving

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Office Hours: Thursday 1:00 - 2:20 PM, and by appointment

Meeting Time 3:30 - 6:00 PM Thursdays in MSB 311

Textbook PProblem SSSolving by DeFranco and Vinsonhaler

General Information

Goals: The goal is to foster problem solving skills that can be applied throughout the college experience and the rest of your life.

Expectations: First, you are expected to come to class. I will not be doing much lecturing – you will be working on problems. **You are responsible for everything that happens in class.** If you miss a class, you are expected to find out what happened, either from me or one of your classmates. Second, you should expect to do much of your learning outside the classroom, generally spending around 4-6 hours a week working on this class. Problem Solving, like most subjects, is learned by doing. Most of all, it is expected that you will get excited about what you are learning and take delight in your own, perhaps unexpected, ability to solve intriguing problems.

Homework: Homework will be assigned and graded each week. Homework is to be done outside of class and we will not devote extensive class time to the discussion of homework problems. Your written work is expected to be **neat**, accurate, and contain written explanations using full sentences and standard English. It is easier to grade (and award credit for) work done on a word processor. All work and justification must be shown; **an answer without an explanation is not worth any credit.** It is your responsibility to get help if you can't complete an assignment. You can come to my office, work with other students, send me an email, or use any reasonable method to figure out how to complete your assignments. **Please be familiar with UConn's policy on Academic Integrity.**

Week	Date Assigned	Material	Ass
1	January 24, 2008	Chaps 1-2: Problem Solving, PSSSP	
2	January 31, 2008	Chap 3: Be Proactive	Automa
3	February 7, 2008	Chap 4: See it	Symmet
4	February 14, 2008	Chap 4: See it, Chap 5: Simplify it	Prom Pr
5	February 21, 2008	Chap 5: Simplify it, Exam #1	Parking
6	February 28, 2008	Chap 6: Stir it Up	Forty Th
7	March 6, 2008	Chap 6: Stir it Up	Should
8	March 20, 2008	Chap 7: Pause and Reflect	Faculty

9	March 27, 2008	Chaps 8-9: Interpersonal, Communication	Grilled (
10	April 3, 2008	Estimation	Grapplir
11	April 10, 2008	Review and Exam #2	Maple T
12	April 17, 2008	Revisit PSSSP and work on Final Project	House F
13	April 24, 2008	Revisit PSSSP and review for Final Exam	Weights
14	May 1, 2008	Present Final Projects	

Group Projects: Towards the end of the semester, you will be assigned projects to be worked on in groups. One write-up will be submitted for each group. Your Final Project will be a group project. Projects will be graded on accuracy, creativity, and presentation. We will begin some projects in class to get you started, but additional time outside of class will be required to complete them. Groups may be asked to present their project solutions to the class. All Final Projects will be presented during our last scheduled class meeting.

Grading: The two hourly exams are scheduled for the second half of our class on September 27th and November 8th.
No make-ups will be given. If an emergency arises and you must miss an exam, you are responsible for notifying me before the exam or you will not get credit for that exam.

2 exams:	25.0%	Final Project	12.5%
Homework / Classwork	**50.0%**	Final Exam	12.5%
		Total	100%