PROBLEM SOLVING – MATH 1020Q Section 002 – SYLLABUS

Meeting Times: MWF, 9:00am – 9:50am in MSB315
Textbook: PProblem SSSolving, 3rd Edition, by DeFranco, Vinsonhaler, and Naigles

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Office Hours: Monday, 1:00pm – 2:30pm; Wednesday, 1:00pm – 2:30pm; also by appointment

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. Problem solving, like most subjects, is best learned through working on problems (go figure). Although it is not part of your grade, class participation is strongly encouraged, it makes for a better overall classroom atmosphere and promotes learning. Ask questions. PLEASE PARTICIPATE!

Homework: Homework will be assigned, collected, and graded each week and will normally be due on Fridays. The LATEST I will accept homework is **one week** after its original due date and points will be deducted for lateness (NO EXCEPTIONS). It 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 in full sentences. It is easier to grade work done on a word processor. All work must be shown; **an answer without an explanation is not worth any credit.** It is your responsibility to get help if you cannot complete an assignment. You can come to my office, send me an email, work with other students, or use any reasonable method to figure out how to complete your assignments. **Please be familiar with UConn's policy on Academic Integrity.**

Group Projects: You will be assigned a project at the end of the semester to be worked on in groups. Projects will be graded on creativity, accuracy, and presentation. We will begin the projects in class, but frequently additional time outside of class will be required to complete them.

Grading: Two exams will be scheduled at the beginning of the semester (dates subject to change). No make-up exams 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 receive credit for that exam.

2 exams	30.0%
Homework / Classwork	**40.0%**
Project	15.0%
Final Exam	15.0%
Total	100.0%

Week	Material	Assignments
1	Chapters 1,2 - Problem Solving, PSSSP	Automathography
2	Chapter 3 - Be Proactive	Heap of Beans
3	Chapter 4 - See it	Symmetry
4	Chapter 4 - See it, Chapter 5 - Simplify it	Prom Problem
5	Chapter 5 - Simplify it, Exam #1	Parking Lot
6	Chapter 6 - Stir it up	Forty Thieves
7	Chapter 6 - Stir it up	Should You Switch?
8	Chapter 7 - Pause and Reflect	Faculty Debts
9	Chaps 8,9 – Interpersonal, Communication	Grilled Cheese
10	Estimation	Prisoner's Dilemma
11	Review and Exam #2	Maple Tree
12	Estimation	House Hunt
13	Revisit PSSSP and review for Final Exam	Weights
14	Present Final Project	Final Exam