Math 1020Q - 06 Course Description - Problem Solving

Himchan Jeong

Office: Monteith 114, Email: Himchan.jeong@UConn.edu
Office Hours: Tue 3:30-5:00 PM / Thur 11:30-12:30 PM & 3:30-4:00 PM or by appointment

Meeting Times 10:10 - 11:00 AM Mon/Wed/Fri in Monteith 225

Textbook PProblem SSSolving, 3rd edition, by DeFranco, Vinsonhaler, and Naigles

General Information

Goals: 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, collected and graded each week. Your written work is expected to be **neat**, accurate and easy to understand, with relevant information for given question.

The following are the items for getting deduction on your homework.

- Grammatical errors and typos: Nowadays, you can automatically do spell-check in any word processor.
- Poor handwriting: You may lose points if I have trouble reading your handwriting and/or following your presentation.
- Being messy with too much irrelevant information: Please write **concisely**!
- Being late in turning in your homework: Late homework will be docked 4 percentage deduction every hour late (rounded up). Submissions 24 hours after the deadline will receive 0.

I strongly recommend to use a word-processor for writing your homework. It could be submitted as a printed copy or via e-mail.

Finally, please be familiar with UConn's policy on Academic Integrity!

Group Projects: You will be assigned projects during the semester to be worked on in groups. One write-up will be submitted for each group. Projects will be graded on accuracy, creativity and presentation. We will begin the projects in class, but frequently additional time outside of class will be required to complete them. Groups will be asked to present their project solutions to the class.

Week	Date	Material	Assignment due on Date
1	August 27, 2018	Chapters 1,2 – Problem Solving, PSSSP	
2	September 10, 2018	Chapter 3 - Be Proactive	BR Letter
3	September 14, 2018	Chapter 4 - See it	Symmetry
4	September 21, 2018	Chapter 4 - See it, Chapter 5 - Simplify it	Best Friends
5	September 28, 2018	Chapter 5 - Simplify it, **Exam #1**	
6	October 5, 2018	Chapter 6 - Stir it up	Parking Lot
7	October 12, 2018	Chapter 6 - Stir it up	Should You Switch?
8	October 19, 2018	Chapter 7 - Pause and Reflect	Faculty Debts
9	October 26, 2018	Chaps 8,9 - Interpersonal, Communication	Grilled Cheese
10	November 2, 2018	Estimation	Grappling with Groups
11	November 9, 2018	Review and **Exam #2**	Beech Tree (10 ways to measure)
12	November 16, 2018	Revisit PSSSP and work on Final Project	Neighbors
13	November 23, 2018	Thanksgiving Break - no classes	
14	November 30, 2018	Revisit PSSSP and review for Final Exam	True and False
15	December 7, 2018	Present Final Project	

Grading

The two exams will be scheduled as you see above. 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 get credit for that exam.

2 exams	25.0%
Homework / Classwork	**50.0%**
Project	12.5%
Final Exam	12.5%
Total	100.0%

Final exam week takes place from Monday, Dec 10th through Sunday, Dec 16, 2018. Students are required to be available for their exam during the stated time. If you have a conflict with this time, you must visit the Dean of Students Office to discuss the possibility of rescheduling this exam. Please note that vacations, previously purchased tickets or reservations, social events, misreading the exam schedule and over-sleeping are not viable excuses for missing a final exam. If you think that your situation warrants permission to reschedule, please contact the Dean of Students Office with any questions. Thank you in advance for your cooperation.