General Information

Goals: The basic goal is to learn some strategies that can help you solve problems in class, learn how to justify your solutions, and maybe even apply these skills outside of math class.

Expectations: First and foremost, I expect you to come to class. As you can see below, 50% of your grade is based on your participation in classwork and homework. Most of the problems on the homework and tests will be based on the problems we do in class, so if you need to miss class for any reason, you are still responsible for asking me during office hours what you missed. Additionally, I expect you to ask questions if you are confused, and to come to my office hours if you feel you still need extra help.

I expect you to leave all electronics in your bags or at home.

Homework: You will have one homework assignment per week, to be handed in on our Wednesday class. You are welcome to work with other students in the class on the homework assignments; however, the work that you turn in to me must be your own (do not just copy the write-up of the person who worked with you, and do NOT use online resources without citing them).

Please be familiar with UConn's policy on Academic Integrity. The goal of this class is to be able to solve problems and give justification for your answer, so be aware that your homework must be typed in complete sentences, and you must explain why your solution works. Homework turned in without explanation will earn NO credit. Also be aware that I will not accept late homework unless you have written permission from me before the homework is due.

Group Project: You will be assigned a final project during the semester to be worked on in groups. One write-up submitted for each group. Projects will be graded on accuracy, creativity and presentation. We will devote some class time to the project, and it is your job to make sure that you use the given class time to complete them. Groups will be asked to present their project solutions to the class.

Week | Date | Material | Assignment due on Thursday
--- | --- | --- | ---
1 | Jan 17-19 | Chapters 1,2 - Problem Solving, PSSSP | Automathography
2 | Jan 24-26 | Chapter 3 - Be Proactive | Heap Letter
3 | Jan 31-Feb 2 | Chapter 4 - See it | Making Change
4 | Feb 7-9 | Chapter 4 - See it, Chapter 5 - Simplify | Prom Problem
5 | Feb 14-16 | Chapter 5 - Simplify it, Exam #1 | STUDY FOR EXAM!
6 | Feb 21-23 | Chapter 6 - Stir it up | Forty Thieves
7 | Feb 28-Mar2 | Chapter 6 - Stir it up | Should you switch?
8 | Mar 7-9 | Chapter 7 - Pause and Reflect | Faculty Debts
9 | Mar 14-16 | Spring Break! | N/A
10 | Mar 21 - 23 | Chaps 8,9 - Interpersonal, Communicate | Maple Tree
11 | Mar 28-30 | Estimation | Grappling with Groups
12 | Apr 4-6 | Review and Exam #2 | STUDY FOR EXAM!
13 | Apr 11-13 | Revisit PSSSP / work on Final Project | House Hunt OR Dominoes
14 | Apr 18-25 | Review for Final Exam/ Final Project | N/A
15 | Apr 25-27 | Present Final Project | N/A

Grading

The two exams will be scheduled at the beginning of the semester. 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%