Math 370 Fall 2005

Place: Serra 313
Time: 10:45-12:05
Instructor: Dr. Friedman
Office: Serra Hall 171F ext. 4015 email janef@sandiego.edu
Office Hours: T/Th 8:00-9:00am, W 11:30-1:45, Th 12:15-1:00 and by appointment


Stapler: A stapler is required. All homework which is more than one page in length must be stapled.

Content: As time permits, this course will cover topics in elementary number theory and its applications.

Grades: Your grades will be based on the following:

Quizzes -20%. We will have approximately one quiz a week, usually on Thursday. No make up quizzes will be given under any circumstances. I will drop your two lowest quiz scores when computing your quiz average.

Homework -15%. Mathematics is not a spectator sport. You will find that in order to learn this material you will have to spend significant amounts of time actively engaged with it, this means thinking about the material and working problems.

Homework must be neat and legible. If your homework is illegible, it will not be graded and you will not get credit for that assignment. All homework which is more than one page in length must be stapled.

We will only spend a limited amount of time in class discussing homework problems. If you find you are having a great deal of difficulty with the homework, it is best if you come to my office hours for some assistance.

It is often helpful to discuss homework with other students in the class. However, the work you turn in must be your own.

NO LATE HOMEWORK WILL BE ACCEPTED.

Attitude, Attendance and Class Participation -5%. You should come to class having done the assigned readings and homework and ready to actively engage in discussion. It is impossible to participate in class discussion if you are absent, therefore poor attendance will adversely affect this portion of your grade.

Exams - 30%. There will be two class exams during the course of this semester. The exams will emphasize proofs and conceptual understanding, rather than computation. You should expect to see problems on the exams which are different from homework problems. You need to be able to take ideas and techniques you have learned and apply them to new situations. One or both of these exams may contain supplemental take-home questions.

Exams are tentatively scheduled for Thursday October 13 and Tuesday November 15.

Make-up exams will be given only in the case of a verifiable serious illness or other extreme circumstance.

Final Exam - 30%. The final exam must be taken at the regularly scheduled time for this class which is Tuesday December 20 from 11:00am-1:00pm in our classroom. No make-up if possible for the final.

Other: You are responsible for all material discussed in class, whether or not it appears in the text book. You are responsible for all assigned readings, whether or not they are explicitly discussed in class.

If you must miss class you are responsible for finding out what you missed and you must still hand in on time any homework assigned during that class period.

You will not be allowed to get an incomplete in this course unless you are doing passing work in the course and some sort of extraordinary circumstance, unrelated to the course, prevents you from completing all of the course requirements. You will not be given an incomplete merely because you fall behind in the course.

If you are taking this course Pass/Fail, you need to have the equivalent of a C- to pass. The last day to change between Pass/Fail and a grade is Monday October 31.

The last day to withdraw from a course and receive a W is Wednesday November 9.