

Mathematics 302 – Spring 2012 – Course Information

Instructor: Catherine Yan

Office: Milner 220

E-mail: cyan@math.tamu.edu

Office hours: Wednesday 10-11am.

Course Web page: <http://www.math.tamu.edu/~cyan/Teaching/math302-spring.html>

Prerequisites: Math 152

Class time & Location:

Section 52: MWF 12:40 p.m.–1:30 p.m., CE 222.

Textbook: *Discrete Mathematics and Its Applications, 7th ed.* by Kenneth H. Rosen. MaGraw Hill, ISBN 978-0-07-338309-5

Reading the text is strongly encouraged.

Syllabus:

Math 302 is a course on discrete mathematics. As described in the Course Catalog, we will cover formal structures for describing data, algorithms and computing devices. We will also study the theory and applications of sets, graphs, and algebraic structures.

More specifically, we will cover Chapters 1, 2, 3, 5(§1–4), 6(§1–5), 8 (§1–3), 9 of the textbook. Time allows, we will also touch some sections of chapter 13.

You are expected to read the textbook before each class.

Homework:

There will be weekly homework assignments. Doing the homework is essential to understanding the material and to doing well on the tests so please take the time to read the appropriate sections or handouts and to do all of the problems each week.

Late homework is not fair to you as a student who is trying to keep up with the class, to your classmates, or to the grader; hence you should turn your assignments in on time. If you will not be in class on the due date, you should arrange to turn in the homework early. Late homework will not be accepted.

Tests:

There will be three tests during the semester. The tentative schedule is:

1. First test: Feb. 17, 2012, in class.
2. Second test: Mar.30, 2012, in class.
3. Third test: May 7, Monday, 3:30–4:30. CE 222.

I reserve the right to change the dates or the particular selection of topics from the syllabus based on the needs of the class. I will give you at least a week's notice before each test.

If you have three or more exams on the day of the last exam, you must let me know at least two weeks in advance so suitable rescheduling arrangements may be made.

Getting help:

You are encouraged to ask questions both in class and outside of it, although I will not answer questions about homework to be collected during that class. I am available to answer questions in office hours and by appointment. You may also contact me via e-mail with your questions and I will respond as soon as possible.

Grades:

Your grade will be determined by your performance on the homework and tests as follows:

Homework	100 points
First test	100 points
Second test	100 points
Third test	100 points
Attendance	50 points
(extra-credit assignments	20 points, See below)

There is a total of 450 points. You may improve your grade by taking an extra-credit assignment. The extra-credit assignment may be used to increase your scores for up to 20 points. The cutoffs for letter grades will be used are:

A 400 pts, B 360 pts, C 310 pts, D 270 pts.

Any request for re-grading of a test must be done within one week of the day on which it was returned to you. You can not make any change on the problems that need to be re-graded.

Any inquire of not-returned homework must be done within one week of the day on which the homework set is handed back to the class.

Policy for Absences:

Attendance on a regular basis is expected. For absence related to injure or illness, students who are absent from class three or more days should provide instructors with confirmation from a medical provider for an excused absence.

From time to time, I will have a student sign-up during the class.

Make-Up Policy:

Make-ups for missed tests or quizzes will only be given if you have a university approved excuse in writing and if you notify me by the end of the next working day as per university rules. Whenever possible you should inform me before a test or quiz is missed. The make-up test should be done within one week of the date that you are back to school.

Scholastic Dishonesty:

Cheating of any form is not acceptable and it will be dealt with harshly. In particular, copying work done by others, either in-class or out of class, is an act of scholastic dishonesty and it will be prosecuted to the full extent allowed by university policy. Collaboration on assignments is permitted for this course, however each student must write up their own solutions. For more information on university policies regarding scholastic dishonesty, see the University Student Rules.

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