

MATH 302 Discrete Mathematics (Spring 2012, Session 501)

Course Information

Instructor: Bangti Jin

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Office hours: Thursday 3 – 4 pm. and by appointment

Course webpage: <http://www.math.tamu.edu/~btjin/>

Prerequisites: MATH 152

Class time & location: TR 11:10 – 12:25, BLOC 117

Textbook : Discrete Mathematics and Its Applications, 7th ed. by Kenneth H. Rosen. MaGraw Hill, ISBN 978-0-07-3383095. Reading the textbook is strongly encouraged.

Syllabus:

MATH 302 is a course on discrete mathematics. We will cover formal structures for describing data, algorithms and computing devices, as well as the theory and applications of sets, graphs and algebraic structures. Specifically, we will cover chapters 1, 2, 3 (§1-2), 5 (§1-2), 6 (§1-5), 8 and 9 of the textbook. You are expected to read the textbook before each class.

Homework:

There will be weekly homework assignments. Doing the homework is essential to understand the material and to perform well on the quizzes/tests. So please take time to read appropriate sections or handouts, and solve all the problems each week. Part of these assignments will be graded and part ungraded, but they must all be turned in.

In fairness to other students in the class and the grader, homework must be turned in on time. If you will not be in class on the due date, you must either arrange to turn it in early or have someone else to turn your homework in. Late homework will not be accepted.

Quizzes and tests:

Throughout the semester, there will be eleven short in-class quizzes on the materials we have been covering in the class. Each quiz is 10 points. The top ten grades on these quizzes will be counted.

There will be two tests, a midterm and a final. The midterm is tentatively scheduled on March 1. The final is on May 7th (Monday), see <http://registrar.tamu.edu/general/finalschedule.aspx>.

If you have three or more exams on the day of the final 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 email with you questions.

Grades:

Your grade will be determined by your performances on the homework, tests, quizzes and attendances as follows:

homework	100 points
quizzes	100 points
midterm	100 points
final	100 points
attendances	50 points

There is a total of 450 points. You may improve your grade by taking an extra credit assignment. The extra assignment may be used to increase your scores for up to 20points. The cutoffs for the letter grades 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 is returned to you. You can not make any change on the problems that need to be re-graded. Any inquiry of returned homework or quiz must be done within one week of the day on which the homework set or quiz is handed back to the class.

Policy for absences:

Regular attendance is expected. For absence related to injure or ill-ness, students who are absent from the class for three or more days should provide the instructor with confirmation from a medical provider for an excused absence. There will be a student sign-up during the class.

Make-up policy:

Make-ups for missed tests 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 the test is missed. The makeup test should be done within one week of the data that you are back to school. There will be no makeup for the in-class quizzes.

Honor code:

“An Aggie does not lie, cheat, or steal or tolerate those who do”. The Honor Council Rules and Procedures are found on the web (<http://www.tamu.edu/aggiehonor>).

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