

Discrete Mathematics for Computer Science, Csci(Math)2610, Spring 2006

Instructor: Zubeyir Cinkir

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Office hours: ~~13:00-14:00 M, 13:00-14:00 W~~ & by appointment.
~~11:15-12:15 M, 11:15-12:15 W~~

Class Time: 3:35-4:25 M and 3:30-4:45 TR in Boyd (Bldg 1001), room 303.

Text : *Discrete Mathematics and its Applications, 5th edition*, by Kenneth H. Rosen.

For extra examples, you can visit

<http://www.mhhe.com/math/advmath/rosen/r5/student/index.html>

Course Prerequisites: CSCI 1301-1301L, MATH 1113

Course Description: This course will cover the fundamental mathematical tools used in computer science. These are sets, relations, functions, logic (propositional & predicate), methods of mathematical proofs, recurrences, counting techniques, relations, discrete probability, graphs, trees and possibly a few other subjects.

Course Homepage: I will mainly use webct to make announcements, to post solutions for exams and quizzes, to post syllabus, homework assignments, hints, and some other course information. You may also obtain this syllabus at www.math.uga.edu/~cinkir/teaching.htm

Grading:

- Test 1 : 10%
- Test 2 : 15%
- Test 3 : 15%
- Test 4 : 15%
- Quizzes&Homework : 15%
- Final Exam : 30%

Overall grade will be $A \geq 85$, $85 > B \geq 73$, $73 > C \geq 60$, $60 > D \geq 50$, $50 > F$

Final exam will be on Wed, May 3, 2006, 3:30 - 6:30 pm. Other exam dates will be announced later.

Academic calendar can be found at

http://www.reg.uga.edu/or.nsf/preview/Academic_Calendar_05-06

Policies: Before the day of the test, you must provide a University-approved excuse for your absence, if you are going to be absent on a test day.

Attendance: Attendance in all lectures is expected. You are responsible for all material taught in class even if you are absent and it is not in the book. Also, you should keep in mind that there will be lots of quizzes and you don't want to miss any of them.

Academic Honesty: You are free to discuss homework problems with your classmates, or even form study groups to solve the problems together. However, all of the answers you submit for each homework assignment must be your own. This means each answer must be written by you in your own words. A violation of any one of the above constitutes academic dishonesty and will be dealt with as such, in accordance with the departmental policy. See the web page:

<http://www.uga.edu/ovpi/honesty/acadhon.htm>

All academic work must meet the standards contained in "A Culture of Honesty". Students are responsible for informing themselves about those standards before performing any academic work.

Students are encouraged to consult with the instructor whenever help is needed. In addition to the instructor's scheduled office hours, students can make appointments for other times.

Course Evaluations: All student evaluations will be done on-line this spring during the last two weeks of the semester.

The course syllabus is a general plan for the course; deviations announced to the class by the instructor may be necessary. For more information about the course: <https://webct.uga.edu/www/>