

CSCI/MATH 2610 SYLLABUS

Instructor: Maxim Arap
Course: CSCI/MATH 2610
Office hours: MF 10:00-11:00, W 1:00-2:00

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Time and location

Tuesdays and Thursdays: 12:30-1:45 (Building: 1061 - Miller Plant Science, Room 2401)
Wednesdays: 11:15 - 12:05 (Building: 1023 - Boyd GSRC, Room 221).

Textbook

Discrete Mathematics and its Applications, 6th edition, by Kenneth H. Rosen.

Course description

The main topics of this course and the corresponding chapters of the text are:

1. Logic and Proofs: Chapter 1
2. Sets, Functions, Sequences, Sums: Chapter 2
3. Boolean Algebra: Chapter 11
4. Algorithms and Integers: Chapter 3
5. Induction and Recursion: Chapter 4
6. Counting: Chapter 5
7. Probability: Chapter 6
8. Recurrences: Chapter 7
9. Relations: Chapter 8
10. Graphs: Chapter 9
11. Trees: Chapter 10

If time permits, there will be additional topics.

Grading policy

1. 60% Three in class tests. Tentative dates: September 10, October 15, November 19.
2. 15% Quizzes.
3. 25% Comprehensive final exam: December 15, 12:00-3:00 pm in Miller Plant Science, Room 2401.

There will be no makeup tests (or quizzes) given. Unexcused absence during the test (or quiz) will result in the score of zero for the missing test (or quiz). Excused absences require advance notice and extenuating circumstances, in which case the missing test (or quiz) grade will be replaced by the average of the grades for the other tests (or quizzes).

Attendance

You are expected to attend every class. The official attendance policy of the university states: *Students are expected to attend classes regularly. A student who incurs an excessive number of absences may be withdrawn from a class at the discretion of the professor (<http://bulletin.uga.edu/bulletin/ind/attendance.html>). In this class, we interpret "excessive" to mean four or more unexcused absences.*

Academic Honesty

Academic honesty is strongly enforced by the University of Georgia. Every student at the University of Georgia is responsible for adhering to the highest standard of academic honesty. The penalties for academic dishonesty are severe and ignorance is not an excuse. Please, review the policy at <http://www.uga.edu/honesty/ahs/ahs.htm>

Standard disclaimer: This syllabus provides a general guideline for the course, deviations may be necessary.