

MAD 4203 SYLLABUS, Fall 2005

Course Number & Name: MAD4203; Combinatorics and Graph Theory

Lecture Time & Room: TR 4:30–6:20pm; MAP405

Lecturer: Dr. Zixia Song

Office & Phone: MAP106; TBA

Email: song@math.ohio-state.edu

Course Webpage: <http://www.math.ucf.edu/~zxsong/MAD4203.html>

Office Hours: TWR 3 – 4pm or by appointment.

Required Textbook: Discrete Mathematics and its Application, Fifth Edition, by Kenneth H. Rosen. We will cover most of chapters 3, 4, 5, 6, 8, 9. Students are responsible for all material covered, as well as announcements made in lectures.

Prerequisite: At least one year of calculus and some elementary knowledge of probability.

Homework: Homework will be due every Thursday (except exam days), and samples may be graded. Homework will be posted at course webpage.

Midterm Exams: There will be three 50-minute midterm exams, tentatively scheduled for Sept 22, Oct. 20, and Nov. 17. The format will be in-class, closed book, closed notes, no computers. Credit will be awarded according to the following guidelines:

- Correctness of the procedure.
- Brevity and elegance of the procedure.
- Accuracy of the result.

The correct answer with no supporting procedure will be worth nothing.

Final exam: The final exam will cover everything we study in this course.

Grades: You final letter grade will be 60% tests, 30% final, 10% homework, attendance and/or quizzes.

Regrading Policy: If you believe that a mistake in grading has been made, please see Dr. Song with original unaltered paper within one week from the day the graded test has been returned in class.

Attendance: Attendance at lectures is required.

Others:

- You should feel free to come by my office to ask questions about HW problems. You are encouraged to work in groups, but any and all work submitted for grading, including homework, must be your own. The Academic Honor Code will be enforced.
- There will be no make-ups for missed exams. Please see Dr. Song if you have to miss an exam due to an illness or an emergency. A proof will be required. Neither oversleeping nor traffic are acceptable excuses.
- Everyone is expected to abide by the guidelines for the Academic Honor Code given in the University Golden Rules. Violations will be reported.