Math 5705 Syllabus

Course name: Enumerative Combinatorics

Instructor
Max Glick
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Course information
Meeting time: Monday/Wednesday, 2:30-4:25 (typically ending at 4:00)
Classroom: 3 Appleby Hall
Textbook: Introductory Combinatorics, Brualdi, fifth edition
Course webpage: http://math.umn.edu/~mglick/5705

Overview: Combinatorics can be defined broadly as the study of finite mathematical structures. This course serves as an introduction to combinatorics with a focus on topics pertaining to counting and enumeration. We will cover chapters 2–8 and 14 of the textbook. Time allowing, additional topics will be chosen based on interest.

Homework: A major goal for the class is for students to practice solving problems and effectively conveying mathematical arguments. The weekly homework is one way that these skills will be tested. The assignments will be announced in class and posted on the course webpage at least one week prior to the due date. Students may work together, but each is responsible for writing up his own work in his own words.

Exams: This class will have three midterms, all in class. They will be held October 7, November 11, and December 16. Please take note of these times and make sure that you will be available.

Grading: Your final grade for the course will be computed according to the formula

- 40% Homework
- 20% Exam 1
- 20% Exam 2
- 20% Exam 3

Office hours: Please do not hesitate to ask for help at any time. My office hours (subject to change) are

- Mondays 11 AM – 12 PM
- Tuesdays 1–3 PM

If these times are not convenient, please see me after class or send me an e-mail to set up another time to meet.