Math 432 – Applied Combinatorics (Spring 2024, Section 39654R)

Disclaimer: This syllabus is based on the assumption that teaching will be in-person. If COVID forces this to be impossible, there may be changes.

Meeting times
Lectures: MWF 11-11:50, KAP 147

Instructor: Jason Fulman
Office hours: ~~Mon. 1-2, Wed. 2-3, Fri. 3-4~~, or by appointment   MON 2-3, WED 1-2, FRI 3-4
Office: KAP 424D
Phone: 213-821-2218
Email (best way to contact!): fulman@usc.edu

Textbook: A walk through combinatorics: an introduction to enumeration and graph theory, 4th edition, by Miklos Bona (the third edition should also be sufficient)

Prerequisite: One of Math 225, 235, or 245, or instructor permission

Grading: Midterms (two of them, each worth 25%), Final exam 50%

A calculator (without internet connection or other communication capabilities) will be allowed on the midterms and final, but credit will mostly be given for the work and not the numerical answers in the solutions. A one sided formula sheet will be allowed for the midterms, and a two-sided formula sheet will be allowed for the final.

Dates of midterm and final
Midterms: Fri. Feb. 23, Wed. Apr. 3 (in class)
Final: Wed. May 1, 11am – 1 pm, room to be announced

Material to be covered in the course: We will cover most of the material in the textbook

Math Center: KAP 263. This is a useful resource.