Math 407 – Probability Theory (Fall 2023, Section 39632D)

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 144 Sections: Tu/Th 2-2:50, 3-3:50, GFS 229

<u>Instructor</u>: Jason Fulman Office hours: Mon. 1-2, Wed. 12-1, Fri. 2-3, or by appointment Office: KAP 424D Phone: 213-821-2218 Email (best way to contact!): fulman@usc.edu

TA's name, email, office hours: To be announced

<u>Textbook</u>: A first course in probability, 10th edition, by Sheldon Ross (the 9th edition should also be adequate)

Prerequisite: One of Math 226, 227, or 229

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 twosided formula sheet will be allowed for the final.

Dates of midterm and final

Midterms: Fri. Sep. 29, Fri. Nov. 3 (in class) Final: Wed. Dec. 6, 11am – 1 pm, room to be announced

<u>Material to be covered in the course</u>: Most of the material in Chapters 1-8 of the text, and special topics

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