Jianfeng Zhang

Math 407, Probability Theory, Fall 2023

Course Information:
Installed: Jianfeng Zhang, KAP 248E, t: 213-740-0776, jianfeng@usc.edu, dornsife.usc.edu/jianfeng-zhang/
Office Hours: M: 9:30-11:00am, W: 2:00-3:30pm or by appointment, T: BA, KAP 248E.

Course Description:
This course aims to introduce the basic concepts of probability theory, including: set up of probability space, conditional probability and independence, various discrete and continuous random variables, properties of expectation, law of large numbers, and the central limit theorem (CLT). We will cover the stronger chapter of Chapters 9 and 10 of the textbook. Assignments will cover selected topics in Chapters 9 and 10. Reading of the textbook, in addition to the homework, is essential for success.

Grading Policies:
25% of the grade will be based on homework assignments and quizzes. Assignments are due on Fridays at 5pm. This course will follow the expectations for academic integrity as stated in the student handbook. Scholarships and other financial aid must be reported to the Financial Aid Office within 30 days of the date of award. In addition, students must report any change of address in order to receive their financial aid.

Academic Integrity:
The University of Southern California is foremost a learning community committed to fostering successful scholars and researchers dedicated to the pursuit of knowledge and the transmission of ideas. Academic misconduct is considered a serious academic disadvantage.

Other violations of academic misconduct include, but are not limited to, cheating, plagiarism, fabrication (e.g., falsifying data), knowingly assisting others in acts of academic dishonesty, and any act that gains or is intended to gain an unfair academic advantage.

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Feedback and Questions:
Students and Disability Accommodations:
If you believe you may need accommodations due to a disability, you should contact the Office of Student Accessibility Services (OSAS) at (213) 740-0776 or via email at osasfrontdesk@usc.edu. Possible accommodations are not retroactive. More information can be found at follow up with a discussion. This should be done as early in the semester as appropriate, a Letter of Accommodation (LOA) will be available to generate for student has completed the OSAS process (registration, initial appointment, and appropriate, a Letter of Accommodation (LOA) will be available to generate for student has completed the OSAS process (registration, initial appointment, and appropriate, a Letter of Accommodation (LOA) will be available to generate for student has completed the OSAS process (registration, initial appointment, and appropriate, a Letter of Accommodation (LOA) will be available to generate for student has completed the OSAS process (registration, initial appointment, and appropriate, a Letter of Accommodation (LOA) will be available to generate for student has completed the OSAS process (registration, initial appointment, and appropriate, a Letter of Accommodation (LOA) will be available to generate for student has completed the OSAS process (registration, initial appointment, and 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