Syllabus

STA 4321 Introduction to Probability
STA 5325 Fundamentals of Probability

Fall 2018

Instructor:

Joseph Antonelli
Office Hours: Wednesday (9:35-11:30am), Thursday (1:40-2:45pm), or by appointment. I am temporarily in Griffin Floyd 103C, but will be in Griffin Floyd 206 within a few weeks.
Email: jantonelli@ufl.edu

Teaching Assistant:

Zikun Qin
Office Hours: Monday 1:55-2:45pm, Tuesday 10:40-11:30am, Wednesday 4:05-4:55pm in Griffin-Floyd 234.
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Objectives:

The sequence of courses STA 4321-4322 (rep. 5325-5328) provides a formal and systematic introduction to mathematical statistics for students who have passed three semesters of standard undergraduate level calculus. STA 4321/5325 introduces the background in probability that is necessary to understand the classical statistical theory introduced in STA 4322/5328. Major topics include the basic formal elements of probability, discrete and continuous random variables, multivariate distributions, distributions of functions of random variables, and fundamental limit theorems.

Text:

Seventh edition of Mathematical Statistics with Applications by Wackerly, Mendenhall, and Scheaffer.

Course Website:

Please check the canvas website regularly. Most course documents and important information, including suggested homework exercises and readings, course schedule, and special announcements, will be posted there. My plan is to post lecture notes for the week

by Monday of each week so you can download them or print them out to take notes on if you like.

Grades:

We will have homework assignments due roughly every other week throughout the semester, as regularly solving problems is crucial to understanding the course material. They will count for 25% of your grade. You may work together on these problem sets, but the work you turn in must be your own. Three in-class exams are scheduled on **September 25th, October 30th, and December 4th**, and they will count 25% each. You will be permitted to bring one 8.5 by 11 sheet of paper with formulas or notes on both sides to each exam. No make-up quizzes or exams will be offered. No extra credit.

The usual 10 point scale (90% for an A, 80% for a B, …) is used, however this will likely be heavily relaxed depending on the distribution of exam scores.

All grades are final and not negotiable.

Lecture Attendance:

Classroom lecture attendance is fully expected, even if not strictly enforced. You are responsible for learning all material presented during lecture, and any topic covered in lecture is a potential exam topic (unless otherwise stated).

Policies:

Please be familiar with the Academic Regulations listed in the UF catalog.

Note that no make-up exams will be given with the exception of documented medical emergencies and to resolve exam time conflicts with other courses as according to UF policy. Any accommodations requested will require appropriate arrangements with the Dean of Students Office. You are expected to abide by the Student Honor Code and exhibit academic integrity.