

STA 4321 (7461) Introduction to Probability Theory/ STA 5325 (7490)
Fundamentals of Probability
Spring 2011

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Office Hours: MW 12:50pm-1:40pm

Lectures: MWF 11:45am-12:35pm, Griffin-Floyd Hall 100

Course Web Page: <http://web.stat.ufl.edu/~jcroman7/sta4321.html>

Objective: The sequence of courses STA 4321-4322 is designed to give the undergraduate student a firm foundation in the basic theory of statistical inference. Three semesters of calculus are required in order to understand the course material. Major topics of STA 4321 include the basic formal elements of probability, discrete and continuous random variables, multivariate distributions, distributions of functions of random variables, and fundamental limit theorems.

Prerequisites: MAC 2311, MAC 2312, and MAC 2313.

Text: Wackerly, Mendenhall, & Scheaffer: *Mathematical Statistics with Applications*, Seventh Edition, 2008, Thomson Pub.

Homework:

Homework is worth 25% of the final grade. No late homework will be accepted.

Exams:

There will be four within-term exams. These exams will take place in class for the entire class period. Policies and coverage details will be announced prior to the date of each exam. All within-term exams have equal weight for grading, but the lowest of your within-term exam scores will be dropped.

Grading:

Three within-term exams: $3 \times 25\% = 75\%$

Homeworks: 25%

Grade boundaries (in %) will be no higher than, A= 90, A- = 87.5, B+ = 85, B= 80, B- = 77.5 C+ = 75, C= 70, C- = 60, D= 50.

Course Policies:

I adhere to the University of Florida rules and guidelines for handling instances of academic dishonesty. Please refer to the Office of Students Services for detailed information about the current policies. Incompletes are only assigned when extraordinary circumstances, arising after the date for dropping the course, prevent the student from completing the course requirements. The student must be currently passing the course and discuss the circumstances with the instructor before the final exam takes place. A failing grade in the course is not a valid reason for requesting an incomplete.

Accommodations for students with disabilities:

Students requesting classroom accommodation must first register with the Dean of Students office. The Dean of Students will provide documentation to the students who must then provide this documentation to the Instructor when requesting information.

Privacy Policies:

Student records are confidential. Only information designated UF directory information may be released without your written consent. UF views each student as the primary contact for all communication. If your parents contact me about your grade, attendance or other information that is not UF directory information, I will ask them to contact you.

We, the members of the University of Florida community, pledge to hold ourselves and our peers to the highest standards of honesty and integrity.