

MATH/STATS 5312-001
Mathematical Statistics I
Fall 2014

Instructor: Dr. Sun

Office: 464 Pickard Hall

Telephone: 817-272-3827

Individual Office hours: MW 1:30-3:00 pm or by appointment

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Book: Introduction to Mathematical Statistics by Robert V. Hogg, Joseph McKean and Allen T Craig (7th Edition)

Room, Dates and Times: LS121, TuTh 11:00am-12:20 pm

Course Content:

- Probability and Distributions
- Multivariate Distributions
- Some Special Distributions
- Distributions of Functions of Random Variables
- Limiting Distributions

Evaluation:

1. Weekly homework (due on Tuesdays). No late homework will be accepted. Homework average is $\frac{1}{4}$ of final grades.
2. Three 1-1/2 hour tests. Average of these 3 tests is $\frac{1}{2}$ of final grades
Dates for exams: Sep. 23, Oct. 23 and Nov. 25. **NO make up for missing tests.**
3. Final exam (2-1/2 hours) is $\frac{1}{4}$ of final grade.
4. Letter grade given is determined by final grade. The test book /notes may be used on each test as well as the final exam.

Letter Grad	Final Grade
A	90-100
B	80-89
C	70-79
D	60-69
F	Bellow 60

Important Dates: Last day to drop classes: Oct. 29

University Information

Americans with Disabilities Act

The University of Texas at Arlington is on record as being committed to both the spirit and letter of federal equal opportunity legislation; reference Public Law 93112 ☐ The Rehabilitation Act of 1973 as amended. With the passage of new federal legislation entitled Americans with Disabilities Act – (ADA), pursuant to section 504 of the Rehabilitation Act, there is renewed focus on providing this population with the same opportunities enjoyed by all citizens. As a faculty member, I am required by law to provide reasonable accommodation to students with disabilities, so as not to discriminate on the basis of that disability. Student responsibility primarily rests with **informing faculty at the beginning of the semester and in providing *authorized* documentation through designated administrative channels.**

Academic Dishonesty

It is the philosophy of The University of Texas at Arlington that academic dishonesty is a completely unacceptable mode of conduct and will not be tolerated in any form. All persons involved in academic dishonesty will be disciplined in accordance with University regulations and procedures. Discipline may include suspension or expulsion from the University.

Scholastic dishonesty includes but is not limited to cheating, plagiarism, collusion, and the submission for credit of any work or materials that are attributable in whole or in part to another person, taking an examination for another person, any act designed to give unfair advantage to a student or the attempt to commit such acts. (Regents Rules and Regulations, Part One, Chapter VI, Section 3, Subsection 3.2, Subdivision 3.22).

Grade Replacement Policy

Upon receiving a grade of D or F in a course, a student may, after filing intent to do so, replace the grade by repeating the course. The second grade earned, whether higher or lower, will be used in calculating the grade point average unless the second grade is a W. This policy applies only the second time a course is attempted. Both grades received will be shown on the student's transcript. This policy will apply to a maximum of 10 credit hours at U.T. Arlington. Students must file their intention to replace a grade with the registrar by the Census Date. All withdrawals after the Census Date will be considered an attempt, and the initial grade will be used. This policy will not apply to courses that may be repeated for credit nor courses taken on a pass/fail basis. This policy is not applicable to graduate student and is not retroactive in that a grade in course taken prior to adoption may be replaced, but a grade earned in a course prior to adoption may not be used as a replacement. Individual colleges and schools may limit this policy.

Student Disruption

The University reserves the right to impose disciplinary action for an infraction of University policies. For example, engagement in conduct, alone or with others, intended to obstruct, disrupt, or interfere with, or which in fact obstructs, disrupts, or interferes with, any function or activity sponsored, authorized by or participated in by the University.

Drop for Non-Payment of Tuition

If you are dropped from this class for non-payment of tuition, you may secure an Enrollment Loan through the Bursar's Office. You may not continue to attend class until your Enrollment Loan has been applied to outstanding tuition fees.