

MATH 453 section 001 11 –12:50 M - R Bin 301

Instructor: Dr. Charles Dorsett

Office: Bin-318

Office telephone: 886-5955

Office hours: 9 – 10 M - R, and others by appointment. If you need help during the semester, please utilize my office hours.

Textbook: Introduction to Probability & Statistics (14th edition) by Mendenhall, Beaver, and Beaver.

Topics to be covered: In this class, data description, probability, probability distributions, sampling, sample estimation, and additional topics as time permits will be covered.

Student Learning Outcomes

- (1) The students will have a working knowledge and understanding of elementary probability and statistics and its use.
- (2) The students will have knowledge of qualitative data sets and associated vocabulary and graphs.
- (3) The students will have working knowledge of counting principles and probability models for both discrete and continuous random variables.
- (4) The students will have working knowledge of the Central Limit Theorem and application to statistical inference.

Grading policy: During the class there will be four tests each worth 100 points toward your final grade. In case a test is missed, documented proof of an excusable absence is required, in which case a comprehensive test at the end of the class will be used twice; once as your final test score and secondly as the score of the missed test. For those who do not miss a test, the final exam can be used twice if the final exam score is higher than an earlier test score. At the end of the course, the average of your four scores will be used with the ten point grading scale to determine your final grade. The test schedule is as follows:

Test 1 Wed., June 17 Test 2 Tues., June 30 Test 3 Tues., July 7
Test 4 Comprehensive Final Exam Thurs, July 9

The first three tests will be 1 hour 15 minute tests at the first of each class and the remainder of the class time will be used to answer question about the test and cover new material. The last class on July 9 will be used for you to take your final comprehensive exam.

ADA Statement

The Americans with Disabilities Act (ADA) is a Federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodations of their disabilities. If you have a disability requiring an accommodation, please contact:

Office of Student Disability Resources and Services
Texas A&M University-Commerce
Gee Library-Room 132
Phone: (903) 886-5150 or (903) 886-5835
Fax: (903)468-8148
StudentDisabilityServices@tamuc.edu

Student Conduct

Attendance and participation in classroom activities are required. According to the Student's Guide Handbook, Policies and Procedures, Conduct, all students enrolled at the University shall follow the tenets of common decency and acceptable behavior conducive to a positive learning environment. To have a positive learning environment, there can be no disruptive behavior and students need to be in class on time each class and have made a determined effort to successfully complete the assigned homework. Disruptive students and students with 8 undocumented or un-excusable absences will be administratively dropped from the class with a F.

Let's all work hard and have a happy, successful summer.