Welcome to Stat 301, Introductory Probability and Applied Statistics. Statistics is one of the most applicable fields in mathematics. We will analyze data, fit curves to data and apply probability to solve real world problems. Statisticians are employed in government, industry, and academia so an understanding of this field can lead to many lucrative careers. We will move quickly, so keep up. Each day I will write homework problems on the board. Do them every night! Call or contact me if you are having problems. I consider office hours as your time and I enjoy talking to students. If that were not the case, I would do something else for a living! I usually spend the first few minutes of each class period discussing the previous night’s homework, but I sometimes take it up prior to that without warning so be ready!

Prerequisites: This course is calculus based so we require the equivalent of Math 136 or Math 142 as a prerequisite.


Technology: You are required to have a graphing calculator. We will possibly use a computer algebra system or software package as well.

Exams: there will be three exams and a comprehensive final. The dates are below:

Exam I: Friday September 30
Exam II: Friday October 21
Exam III: Friday November 11
Final Exam: Friday December 16 10:30-12:30

Exams other than the final may be taken early, but almost never late. If you miss a class or exam, you are expected to contact me prior to the next class period to see about making up the work.

Grade: Your grade will be determined as follows:
Homework 15%
Exams 60%
Final Exam 25%
Stat 301 Syllabus

Statistics for Engineers and Scientists by Levine, Ramsey, and Smidt.

Chapter 3  All sections
Chapter 4  All Sections
Chapter 5  All Sections
Chapter 6  All Sections
Chapter 7  Sections 1-3
           (Sections 4-7 are optional)
Chapter 8  All Sections
Chapter 9  Sections 1, 2, 3, 4, 5, and 7
           (Sections 6, 8, and 9 are optional)