MA 171 Introduction to Statistics

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Office hours:
3:00 M W Th F
By Appointment:
12:30, 4:00 M W Th F
6:30 pm Tu Th

Prerequisites: MA103, MA104, MA105, or equivalent.

Text: *Basic Statistics and Data Analysis*, Larry J. Kitchens

The book includes a CD that contains data sets for many of the problems in the book. The data sets can be downloaded onto your computer – you can then use them without inserting the CD each time. The CD also contains videos explaining how to use MiniTab (statistical software).

We will also be using *CyberStats*. *CyberStats* is web-based and includes interactive "applets" that we can use to simulate taking many samples and illustrate the important concepts of statistics.

The books in the University Bookstore come packaged with a PIN Code to use to register for *CyberStats*(without additional charge).

Other Supplies:

A computer is necessary (to use the MiniTab software that we will be using, and to use the CyberStats website). The university will provide MiniTab for university-owned laptops, free of charge. If you need MiniTab for a computer that is not university-owned, check with me.

For in-class use, you will need either a laptop computer or a TI-83 calculator. (The TI-83 is the only calculator I know of that contains all of the statistical functions that we will be using. For some things, any graphing calculator can be used.)

Optional:
TI-Interactive is provided free-of-charge on university-owned laptops. You may sometimes want to use this.
If you have a calculator, you may sometimes want to use it for basic calculations.

General Information:

This course is an introduction to statistics. We will cover material from most of the chapters of the book. *CyberStats* will also cover similar material, in an "interactive" way.

There will be approximately three 'major' exams, including a final exam. There will also be assignments to be handed in. Some of these assignments will be done individually and some will be done in groups. There will also be quizzes to provide feedback on how things are going. The quizzes, taken all together, will count approximately the same as one exam (or less).

Most of the grade will be based on the exams (probably about 60% or maybe more); the rest of the grade will be based on quizzes and assignments (the exact percentages will depend on how many assignments and quizzes there actually are).

Physical Disabilities:

If you have a need for disability-related accommodations or services, please inform your professor or the Office of Student Support and Disability Services at 1104 University Center (phone: 227-1737) Reasonable and effective accommodations and services will be provided to students if requests are made in a timely manner, with appropriate documentation, in accordance with federal, state, and university