

MATH 2063  
Introductory Statistics  
Section 6  
MWF 2:00-2:52, 304 Boyd

Instructor: Scott Sykes  
Office: Boyd 314  
Office Hours: Monday 11:00-12:00, 1:00-2:00  
Tuesday 1:30-3:30  
Wednesday 11:00-12:00, 1:00-2:00  
Thursday 1:30-3:30  
Friday 11:00-12:00, 1:00-2:00  
or by appointment  
Office Phone: 678-839-4125  
Email: [ssykes@westga.edu](mailto:ssykes@westga.edu)

**Textbook (optional):** Discovering Statistics, Daniel T. Larose, W.H. Freeman and Company. Second Edition.

**Workbook (required):** Workbook for Introductory Statistics, Karen Smith, Ayona Chatterjee, Fengrong Wei, Kendall Hunt publishing company.

**TESTS:** There will be exams on the following dates:

Friday, Sept 18  
Friday, Oct 9  
Friday, Oct 30  
Friday, Nov 20

You can drop your lowest test score. Each of the 3 other tests will count 100 points towards your final grade. If you need to miss a test, you must talk to me before the test is given and get my permission. If you miss the test without permission, that will be your dropped test!!

**FINAL:** The final is on **Monday December 7<sup>th</sup> from 2:00-4:30**. It counts 125 points towards your final grade and will be comprehensive. You cannot drop the final. If your lowest test score is greater than 50%, you can count 1/10<sup>th</sup> of the score on your lowest test towards your overall grade in the class.

**Quizzes:** There will be a short quiz every Friday in class when there is not a test. You may drop your lowest quiz score. The remaining quizzes will be averaged and the result will be multiplied by 0.75 to give you a possible 75 points from quizzes to your overall grade.

For additional information about all your courses, go to  
[http://www.westga.edu/assetsDept/vpaa/Common\\_Language\\_for\\_Course\\_Syllabi.pdf](http://www.westga.edu/assetsDept/vpaa/Common_Language_for_Course_Syllabi.pdf)

**CLASS:** You are expected to attend class on a regular basis. Occasionally, in class, you will be given time to work on problems. During these times, you can work with others or by yourself but you must be working on the problems assigned and not work from other classes, homework or talking!! Occasionally, points will be awarded for doing work on these problems.

**CALCULATORS:** You are required to have a graphing calculator. I will be using a TI-83, but TI-85 and TI-86 are also acceptable. You cannot have a calculator with a CAS on it such as the TI-89 or TI-92. If you are unsure, ask me BEFORE you show up to a test with a calculator that I will not allow!! **YOU CANNOT USE YOUR CELL PHONE AS A CALCULATOR DURING THE TESTS AND FINAL. ANYONE BREAKING THIS RULE WILL BE GIVEN A 0.**

**GRADES:** Your grade will be determined based on the following formula

|         |            |
|---------|------------|
| TESTS   | 100 points |
| QUIZZES | 75 points  |
| FINAL   | 125 points |
| <br>    |            |
| TOTAL   | 500 points |

| <u>POINTS</u> | <u>GRADE</u> |
|---------------|--------------|
| 450-500       | A            |
| 400-449       | B            |
| 350-399       | C            |
| 300-349       | D            |
| 0-299         | F            |

If you ever have any questions or suggestions, feel free to come by my office at any time. I will definitely be there during my office hours, you can just stop by. You can also stop by or call to see if I am there at other times.

MATH 2063  
INTRODUCTORY STATISTICS

Hours Credit: 3 hours

Prerequisites: MATH 1101 or MATH 1111

Courses Description: A noncalculus-based introduction to methods of descriptive statistics, probability, discrete and continuous distributions and other fundamental concepts of statistics.

Textbook: Discovering Statistics, Daniel T. Larose, W.H. Freeman and Company. Second Edition.

Workbook: Workbook for Introductory Statistics, Karen Smith, Ayona Chatterjee, Fengrong Wei, Kendall Hunt publishing company.

Topics: Methods for describing sets of data, including descriptive statistics and histograms. Simple linear regression. Probability of discrete and continuous random variables, including the binomial and normal random variables. Sampling distributions, including the Central Limit Theorem, Hypothesis testing and Confidence intervals.

Learning Outcomes: Upon successful completion of this course, the students will know how to properly collect data, how to describe and analyze that data, and make inferences about the population under study based on the sample data collected. The students will also be aware of and able to interpret the statistics with which we are bombarded on a daily basis in the print media, on radio, and on television, to help make informed decisions about their lives.