MATH 2063
Introductory Statistics
Section 5
Mon, Wed 2:00-3:20, 307 Boyd

Instructor: Scott Sykes
Office: Boyd 314
Office Hours: Monday 9:00-11:00
Tuesday 9:00-12:00
Wednesday 9:00-11:00
Friday 9:00-11:00, 1:30-2:30
or by appointment
Office Phone: 678-839-4125
Email: 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:
Monday, February 8
Monday, February 29
Monday, March 28
Monday, April 18

FINAL: The final is on **Monday April 25th from 2:00-4:30.** The final counts as two tests.

HOMEWORK: Each week you will be given several homework problems to turn in. **Homework is due on Wednesday in class and no late assignments will be accepted.** You will count the 10 highest homework scores towards your grade in the class. Your average homework score counts the same as one test.

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 count as a 0!!

Any cases of academic dishonesty will result in an F for the course and referral based on university policy.

For additional information about all your courses, go to
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: You can drop your lowest score from above and add the other 6 together plus any bonus awarded in class to get your total score in the class. Note that there are 7 scores coming from 4 tests, 1 homework and 2 for the final – one is dropped. You can drop one of the two scores for the final – but it still counts as $1/6^{th}$ of your grade!!!

POINTS	GRADE
540-600	A
480-539	B
420-479	C
360-419	D
0-359	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.