



Math 2063 Introductory Statistics (Spring -2017) -Syllabus

Instructor: Mrs.Sonal Patel

Office: Boyd,106A

Class Location: Boyd-305

Office Hours: T/R 3:30pm – 5:00pm (or by appointment)

Course web: (Course DEN) <https://westga.view.usg.edu/>

E-mail: spatel@westga.edu

Phone: TBD

Class Meeting: T/R 12:30pm- 1:45pm

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 2nd edition by Daniel T. Larose, W.H. Freeman and Company.

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. No cell phone allowed as a calculator during tests and final exam.

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.

Course Policy:

- **Attendance:** There is no attendance policy in this class. But you must come to class to success. Please do **not** arrive late or leave early.
- **Make-ups:** You will **not** be allowed to make-up missed tests and quizzes except under extraordinary circumstances. In case of an illness (with **medical certificate**) or dire emergency, the instructor must be contacted **prior** to the test or quiz, by **email**.
- **Questions about grading:** Questions about grading must be asked within **one week** of the graded works return.
- **Email:** If using email, you must use your **university email** (@westga.edu) for any communication; also check your university email account for any announcement regarding the class. I will not respond to any non-university emails.
- **Assistant:** If you find yourself falling behind in the course, do not delay in seeking out assistance and/or advice from someone (the Instructor, a tutor, etc.) who is competent in the subject area and who has your best interests at heart! **The Math Tutoring Center is in Boyd #205 and is open daily at the posted times.**

Components for Evaluation:

Tests (Four tests)

Tests are worth 40% of your grade. Each exam will be announced at least one (1) week prior to the exam date. As soon as, the necessary content is covered in the class, you will receive test schedule via email from me. Make sure you check my emails daily for any update. **NO MAKE UP TESTS.**

Test-1 will cover Chapter-2 and 3
 Test-2 will cover Chapter-4 and 5
 Test-3 will cover Chapter-6
 Test- 4 will cover Chapter-7.2 and 8

Final Exam

There is cumulative final exam that is worth 25% of your final grade. We will review for the final as time permits before you take it. Below is the comprehensive final exam schedule:

Date: May 4, Thursday 2017
 Time: 11:00am – 1:00pm

Quiz

Quiz is worth 30% of your final grade. Quizzes will be available in CourseDen. There are total 8 quizzes. Quizzes will be open for 48 hrs. You will have quiz from each chapter. So once chapter is complete in the class, Quiz from that chapter will be open in CourseDen. You will need to complete the quiz before it is due. There is no extension on date. **Note: There is ONLY one attempt.**

In Class Activity, Attendance and Class Participation

Students who are actively involved in class activity and lecture will receive 5% of final grade. Student need to be physically present in the class to get full points.

Grading Policy:

- **Final Grade** will be computed as follow: **Final Grade = $Q*0.30+P*0.05+T*0.40+F*0.25$,**

Where **Q**=Quiz average=Class participation, **T** = Tests average and **F** is final exam score

Final Grade determined as follows: 90-100=A, 80-89.999=B, 70-79.999=C, 60-69.999=D, <60=F.

Special Note:

- You may click the following to view University of West Georgia Syllabus Policies.
<http://tinyurl.com/UWGSyllabusPolicies>.
- You can find all of your scores including Quiz, Homework, Test, Final, and the overall Total score under <https://westga.view.usg.edu/>.