



## Math 2063 Introductory Statistics (Fall - 2018) Syllabus

<b>Instructor:</b> Mrs. Sonal Patel	<b>E-mail:</b> spatel@westga.edu
<b>Office:</b> Boyd, 106A	<b>Phone:</b> (678) 839-4123 (Office)
<b>Class Location:</b> Boyd-303	<b>Class Meeting:</b> T/R 5:30pm- 6:45pm
<b>Office Hours:</b> T/R 10:45am – 12:30pm and 4:45pm – 5:00pm or by appointment	
<b>Course web: (Course DEN)</b> <a href="https://westga.view.usg.edu/">https://westga.view.usg.edu/</a>	

**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 2<sup>nd</sup> edition by Daniel T. Larose, W.H. Freeman and Company.

**Calculator:** TI-83 or better. No cell phone allowed as a calculator during tests and final exam. (Click on link to learn TI-83 for statistical calculation)

<https://www.youtube.com/watch?v=xsXmSy59cpU&list=PLiuxxNbKiuJ7Io4fFpqhJdp0-aL6Yhkn>

**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. Check CourseDen for an announcement of test schedule. **One lowest test score will be dropped.**

- 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

### **Cumulative Final Exam**

The cumulative final exam is worth 25% of your final grade. Final exam will be on **4<sup>th</sup> Dec, Tuesday** on class time (Time duration: 75 min)

### **Quiz**

Quiz is worth 35% of your final grade. Quizzes will be available in CourseDen. You have online quiz for each section. So once section is complete in the class, quiz from that section will be open in CourseDen for a week. There is no extension on date. **Three lowest quizzes scores will be dropped.** There are only 2 attempts.

## Grading Policy:

- **Final Grade** will be computed as follow: **Final Grade =  $Q*0.35+T*0.40+F*0.25$ ,**

Where **Q**=Quiz average, **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.

## Important Dates:

First day of class:	16 <sup>th</sup> Aug, Thursday
Fall Break:	4 <sup>th</sup> Oct, Thursday (No Class)
Thanksgiving Break	19 <sup>th</sup> Nov – 24 <sup>th</sup> Nov (No Class)
Last Day of Class:	4 <sup>th</sup> Dec, Tuesday

## 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/>.
- Common language of course syllabi:

<https://www.westga.edu/administration/vpaa/common-language-course-syllabi.php>