



Math 1401 Elementary Statistics (Fall - 2019) Syllabus

Instructor: Sonal Patel	E-mail: spatel@westga.edu
Office: Boyd,106A	Phone: (678) 839 - 4123 (Office)
Class Location: Boyd - 301	Class Meeting: T/R 3:30 pm - 4:45 pm
Office Hours: T/R 12:30 pm – 2:00 pm, 3:15 pm – 3:30 pm and 4:45 pm – 5:30 pm or by appointment	
Course web: (Course DEN) https://westga.view.usg.edu/	

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.

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=PLiuxxNbKiuJ7Io4fFFpqhJdp0-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 military service order, Immigration appointment or Jury duty, 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.**

- **Class Rules:** You are to turn off your cellular phone during the class. You are not allowed to use your phone as a calculator. Please respect your instructor and other students in the class. No talking or any distracting behavior. If you fall asleep in class, you will be asked to leave.

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 and 8

The Cumulative Final Exam

The cumulative final exam is worth 25% of your final grade. Click on below link to see final exam schedule.

Date: 3rd Dec, Tuesday

Online Quizzes

Quiz is worth 35% of your final grade. Quizzes will be available in CourseDen. You have online quiz for each section. All quizzes will be due by within one week from the date section completed in the class. There is no extension on date. **Three lowest quizzes scores will be dropped.** There are only 2 attempts. Each attempt has approximate 60 min – 75 min time.

Extra-credit policy:

Each student will be received extra 5 bonus points on each test. These points are added to your test score. The student who take the makeup test (with valid document) will be not eligible for 5 bonus points. Please note that NO extra credit will be given other than this! Points can be earned only as stated above.

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:	15 th Aug, Thursday
Labor Day Holiday	2 nd Sep, Monday
Fall Break:	3 rd Oct – 4 th Oct (No Class)
Thanks giving Break	25 th Nov – 29 th Nov (No Class)
Last Day of Class:	3 rd 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>