

**University of West Georgia**      **SUMMER 2019**

**Course:**                    Introductory Statistics MATH 2063 Section 04    3 credit hours

**Course Description:**    A non-calculus based introductory statistics course in which descriptive statistics, probability, discrete and continuous distributions, hypotheses tests, and confidence intervals are studied. Basic coverage of regression, correlation, and proportions will be included.

**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 media to make informed decisions about topics.

**Prerequisites:**            MATH 1001 or MATH 1111 or MATH 1113

**Instructor:**                Mr. Jim Bellon    (best way to contact me is through CourseDen) or [jbellon@westga.edu](mailto:jbellon@westga.edu)

**Office & Hours:**        Boyd 104C    Tues & Thurs 12:20 – 1:50 pm, 4:40 – 5:10 pm,    other hours by appointment

**Class Meets:**            Tue/Thu 2 – 4:30pm in Pafford Building room 107

**Course Materials:**    A **graphing calculator is required**, must be one of the Texas Instruments **TI-83** or **TI-84** models.

**Textbook (FREE in courseden) Statistics Using technology 2<sup>nd</sup> edition, by Kathryn Kozak.**

**Grading:**                    There will be a final exam (30%), quizzes (40% drop lowest 1), online HW (30% drop lowest 1) Final grades determined as follows: Fractional grades will be rounded up to next whole percent.

<b>90 % and higher</b>	<b>=</b>	<b>A</b>
<b>80 % to 89 %</b>	<b>=</b>	<b>B</b>
<b>70 % to 79 %</b>	<b>=</b>	<b>C</b>
<b>60 % to 69 %</b>	<b>=</b>	<b>D</b>
<b>Below 60 %</b>	<b>=</b>	<b>F</b>

**Attendance Policy:**        Students are expected to attend class and pay attention to CourseDen calendar and due dates. **You will be allowed ONE absence.** For every absence beyond that, your overall course grade will be lowered by 5%. Students are responsible for the topics covered and assignments due whether present or not. **“I was not here” is NOT a valid excuse.**

**Make-up policy:**            Makeups for in class quizzes may be granted with a VALID and documented excuse, but only if you contact me before or the same day as the assignment/exam. NO makeups for the online HW.

**Extra-credit policy:**        **There will be NO extra credit given, period!** Points can be earned only as stated above.

**Class Rules:**                You are to **turn off your cellular phone and put it away** 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. It is expected that students be familiar with the Student Conduct Code, Disciplinary Procedures and Disciplinary Sanctions in the Student Handbook. Cheating and/or any conduct that disturbs the classroom, the instructor, or the students WILL NOT be tolerated!! Any serious violations will be reported; appropriate actions will be taken; and consequences will result. Please see the general policies for UWG at <https://www.westga.edu/UWGSyllabusPolicies>

**Meeting with:**  
**Instructor**                    can be beneficial and is encouraged. Meeting should occur during the instructor's office hours, whenever possible. If these hours conflict with a student's schedule, then appointments should be made. The meeting time is not to be used for duplication of lectures that were missed; it is the student's responsibility to obtain and review lecture notes before consulting with the instructor. As your instructor, I am very concerned about the student's achievement and well-being and encourages anyone having difficulties with the course to contact me for extra help.

**Note:** If you have a documented disability, which will make it difficult for you to carry out the course work as I have outlined and / or if you need special accommodation or assistance due to disability, please contact me as soon as possible.

**This is a tentative schedule of assignments and topics to be covered in class sessions. Changes will be made as needed. Once we finish a section, we will immediately move along to the next section. It is recommended that you read over text sections or notes BEFORE we cover them in class. After we cover topics, you should complete assignments and do any extra practice or get help as needed. Don't wait until its too late (like after doing bad on a quiz).**

Tue 6/4	Introduction. Chapter 1 Statistical Basics	
Thu 6/6	Chapter 2 Graphical Descriptions of Data	<b>HW chap 1 due Thu 6/6</b>
Tue 6/11	<b>Quiz #1 – Chapter 1</b> Chapter 3 Numerical Descriptions	<b>HW chap 2 due Tue 6/11</b>
Thu 6/13	<b>Quiz #2 – Chapter 2</b> Chapter 4 Probability	<b>HW chap 3 due Thu 6/13</b>
Tue 6/18	<b>Quiz #3 – Chapter 3</b> finish chapter 4	
Thu 6/20	Chapter 5 Discrete Probability Distributions	<b>HW chap 4 due Thu 6/20</b>
Tue 6/25	<b>Quiz #4 – Chapter 4</b> Chapter 6 Continuous distributions	<b>HW chap 5 due Tue 6/25</b>
Thu 6/27	<b>Quiz #5 – Chapter 5</b> finish chapter 6	<b>HW chap 6 due Thu 6/27</b>
<b><u>Last Date to Withdraw:</u></b> Any student who withdraws after this date will receive a grade of “F”.		

Tue 7/2 **Quiz #6 – Chapter 6** Chapter 8 Estimation (confidence intervals)

**Thursday 7/4 INDEPENDENCE DAY - No Class**

Tue 7/9	finish chapter 8, start chapter 7	<b>HW chap 8 due Tue 7/9</b>
Thu 7/11	<b>Quiz #7 – Chapter 8</b> chapter 7 one-sample inference	
Tue 7/16	finish chapter 7, start chapter 10	<b>HW chap 7 due Tue 7/16</b>
Thu 7/18	<b>Quiz #8 – Chapter 7</b> chapter 10 Regression and Correlation	<b>HW chap10 due Sun7/21</b>
Tue 7/23	<b>Quiz #9 – Chapter 10</b> FINAL Exam REVIEW	
Thu 7/25	<b>FINAL EXAM (all chapters) 2 – 4:30pm in our classroom.</b>	