

University of West Georgia SPRING 2015

Course: Introductory Statistics MATH 2063 Section 03 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

Office & Hours: Boyd 212 MW 9-10am, 3:30-4:30pm Fri 9-10am
Boyd 205 Math tutoring Center MW 10-11am, 1-2pm Fri 10-11am

Class Meets: MW 2 – 3:20pm in Boyd 305

Course Materials: A graphing calculator is required, must be one of the Texas Instruments TI-83 or TI-84 models. **TEXTBOOK: Discovering Statistics by Daniel Larose, 2nd edition, Freeman Publishers.**
Also: Introductory Statistics Workbook by Smith, Wei, Chatterjee

Grading: There will be several HW assignments (avg counts 35%), 4 in class tests (avg counts 35%), Periodic quizzes based on chapter readings (avg counts 10%), and a cumulative Final exam (20%). Your lowest HW assignment will be dropped. Final grades determined as follows:

89.1 % and higher	=	A
79.3 % to 89.0 %	=	B
69.5 % to 79.2 %	=	C
60 % to 69.4 %	=	D
Below 60 %	=	F

Homework: Every week or two there will be HW assignments. You must write out your work NEATLY and hand in by the due dates. The HW will be done in the workbook and some textbook problems. Specific assignments and due dates will be announced in class and posted on CourseDen.

Last Day to Withdraw: ***Friday, February 27th*** Any student who withdraws after this date will receive a grade of "F".

Attendance Policy: Students are expected to attend class and complete all work when assigned. 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: HW assignments, if handed in late, will receive a penalty of 20 points for each class meeting it is late. Makeups for in class assignments and exams may be granted with a **VALID** and documented excuse, but only if you contact me before or the same day as the assignment/exam.

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 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 <http://tinyurl.com/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.

Math Tutoring Center: Boyd 205 Hours are Mon/Tue/Wed 9am-8pm, Thurs 9am-7pm, Fridays 9am – 3pm. You can just walk in and get help. There are 2-4 tutors on duty who will rotate between students. There are also textbooks and computers to use while you are in the tutoring center.

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 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 test).

1/5 – 1/7	Introduction. Chapter 1 – <u>All Sections</u>
1/12 – 1/14	Chapter 2 – <u>All Sections</u>
1/19 – 1/21	Monday 1/19 MLK-DAY - No Class Start chapter 3 (sections 3.1, 3.2)
1/26 – 1/28	Continue chapter 3 – <u>Sections 3.3 to 3.6</u>
2/2 – 2/4	Review for test #1 Test #1 on Wednesday February 4th
2/9 – 2/11	Chapter 4 – All Sections
2/16 – 2/18	Chapter 5 – All Sections
2/23 – 2/25	Chapter 6 – <u>Sections 6.1, 6.2, 6.4, 6.5, 6.6 only.</u>
3/2 – 3/4	Finish Chapter 6 Review for test #2
3/9 – 3/11	Test #2 on Monday March 9th Start Chapter 7 – All sections.
3/16 – 3/20	SPRING BREAK
3/23 – 3/25	Finish chapter 7 Chapter 8 – Sections 8.1, 8.2, 8.3 only
3/30 – 4/1	Finish chapter 8 Start chapter 9 – sections 9.1 to 9.5 only.
4/6 – 4/8	Finish chapter 9
4/13 – 4/15	Test #3 on Monday April 13th FINAL REVIEW

FINAL EXAM (all chapters) on Monday April 20th 2 – 4:30pm in our classroom.