

Instructor: Mark Farris

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Office Hours: Mon-Thurs 2:00-4:00, or by appt.

Textbook: of Essentials of Statistics, 6th edition by Triola. You may use either a hard copy of this book or an electronic copy. I will have homework assignments from the book and a parallel set of assignments in MyMathLab. If you sign up for the MyMathLab version of the course, then an electronic version of the textbook is included and you can purchase a hard copy for a small extra fee. Even if you don't plan to purchase MyMathLab access, you can take advantage of the two-week free trial.

Objectives: Your primary objective will be to learn correct use of probabilistic reasoning and statistical reasoning. You will also be learning problem solving skills from the point of view of a statistician. Correct use of terminology and notation will be emphasized.

Prerequisite: Math 1233-College Algebra, Math 1534-Precalculus, or MATH1634-Calculus I

Technology: The instructor will use a TI-84 graphing calculator and the software package MINITAB. Everything you need to use MINITAB will be covered thoroughly in class. I also plan to demonstrate how to do most things that require software using Excel.

Grading: Your grade will be based on weekly quizzes, three in-class exams, and a final exam. There will be between at least 12 quizzes but only your best 10 quiz scores will count. These items will be weighted like this:

240 pts--10 quizzes @ 24 pts each

360 pts--3 Exams @ 120 pts each

200 pts--Final Exam

800 pts--Total

Grades will be computed on the usual basis, 90% for an A, 80% for a B, etc.

Expectations: I expect you to

- arrive on time and prepared for class
- use class time wisely
- ask specific, thoughtful questions
- put forth your best effort every day
- make at least a "C" in this class

Attendance Policy: If you need to miss a quiz or exam, you should notify me before it is given. If you miss a quiz or exam due to an unforeseen situation, such as an accident, you should notify me as soon as possible. No allowances will be made for missed work unless an adequate reason is given in a timely fashion.

Recommended Homework Problems: Quizzes and Exams in this course will consist of problems like those found at the end of each section of the textbook. You should work as many problems from the textbook as you have time for. Since few students have the time to work every exercise in a textbook of this nature, I have selected a modest number of recommended problems. Consider my recommendations as a minimum number of problems to work in order to

succeed in the course. These recommendations will appear in my lecture outlines that I will distribute in class and post online. A parallel set of recommended problems will be available in MyMathLab

Standard Syllabus Information: Students should refer to the current MSU Student Handbook for university policies on academic dishonesty, class attendance, student rights and activities.

Senate Bill 11 passed by the 84th Texas Legislature allows licensed handgun holders to carry concealed handguns on campus, effective August 1, 2016. Areas excluded from concealed carry are appropriately marked, in accordance with state law. For more information regarding campus carry, please refer to the University's webpage [Campus Carry Rules/Policies](#).

Tentative Schedule

Dates	Sections
Week 1 Jan 21, 23	1-1, 1-2, 1-3, 2-1, 2-2, 2-3
Week 2 Jan 28, 30	3-1, 3-2, 3-3
Week 3 Feb 4, 6	4-1, 4-2, 4-3, 4-4,
Week 4 Feb 11, 13	4-4, 5-1
Week 5 Feb 18	Exam review, 5-2

Exam 1 over Sections 1-1 through 5-1 will be on Thursday Feb 20

Week 6 Feb 25, 27	5-2, 6-1, 6-2
Week 7 Mar 3, 5	6-3, 6-4, 7-1
Week 8 Mar 10, 12	7-2, 8-1

Spring Break

Week 9 Mar 24	Exam review, 8-2
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Exam 2 over Sections 5-2 through 8-1 will be on Thursday Mar 26

Last Day to withdraw with a W is Monday, Mar 30. Your standing in the course through Exam 2 will be available on D2L that day.

Week 10 Mar 31, 33	8-2, 8-3
Week 11 Apr 7	9-1

Easter Break will include Thursday, Apr 9

Week 12 Apr 14, 16	9-2, 9-3
Week 13 Apr 21, 23	10-1, 10-2
Week 14 Apr 28	Exam review, 11-1

Exam 3 over Sections 8-2 through 10-2 will be on Thursday Apr 30

Week 15 May 5, 7	11-2, Review for Final
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A comprehensive **Final Exam** will be Tuesday May 12, 8:00AM-10:00AM