

STATISTICS 3573

PROBABILITY AND STATISTICS

Instructor: Joel Schmitter

Office: Bolin 118P

Phone: 397-4262

e-mail: joel.schmitter@msutexas.edu

Office Hours:

TR 9:00 - 9:30

MWF 11:00 – 12:00

TR 2:00 – 3:00

or by appointment

Prerequisites: Math 1233 or a satisfactory score on the placement exam.

MINITAB, TI-84, or TI-83 Graphing Calculator

An aid that will make it easier to be successful in this course is having a TI graphing calculator or a personal computer with MINITAB installed on it. MINITAB is a statistics software package that can be downloaded **free** from MINITAB.com. You can use this free software for only 30 days so if you download it you should wait until the last 30 days of the semester. Of course MINITAB is available on all the computers in our classroom Bolin 109 and is also available on some of the computers in the student center. All of the statistical tests we cover in this course can be done on a TI-84 calculator and all but one test can be done on a TI-83. I recommend you choose one of the two methods, MINITAB or TI calculator, to complete this course. You can use a regular calculator with tables in the book but this is more difficult than using a TI-84, TI-83, or MINITAB.

Textbook Foldout

The paper version of the textbook has a removable 8-page foldout that contains formulas and tables that can be used when taking quizzes and exams. A copy of this will be posted on D2L when needed. There also will be a table for the binomial distribution posted on D2L when needed. You can also pick up a copy in the math office Bolin 118.

Grading: There will be 3 exams worth 100 points each, 8-10 quizzes or homework assignments worth a total of 100 points, and a comprehensive final exam worth 150 points. Your 2 lowest quiz scores will not count toward your grade. Missed quizzes cannot be made up. If you miss an exam you must arrange to make up the exam before the next class period. Only one exam can be made up.

% of Total Points	Grade
90 - 100	A
80 - 89	B
70 - 79	C
60 - 69	D
0 - 59	F

Attendance: A student with more than 2 absences may be dropped from the course.

Students should refer to the current MSU Student Handbook and Activities Calendar for university policies on academic dishonesty, class attendance, student rights and activities.

Tentative outline

Week of	Chapter and Sections Covered
Jan 16	1, 2.1 – 2.4
Jan 23	3.1 – 3.3
Jan 30	4.1 – 4.3
Feb 6	5.1 – 5.2
Feb 13	Exam 1
Feb 20	6.1 – 6.3
Feb 27	6.4 – 6.6
March 6	7.1, 7.2
March 20	8.1 – 8.3
March 27	Exam 2
April 3	9.1 – 9.3
April 10	10.1 – 10.3
April 17	11.2
April 24	Exam 3
May 5	Review For Final
May 11	Thursday Final Exam 10:30 – 12:30