

# STATISTICS 3573

## PROBABILITY AND STATISTICS

**Instructor:** Joel Schmitter

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**Office Hours:**

MW 9:00 – 10:00

TR 9:00 – 9:30

TR 2:00 – 3:00

or by appointment

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

### STATCRUNCH, 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 access through D2L to STATCRUNCH. STATCRUNCH is a statistics software package that can be accessed through D2L when you are enrolled in this course. 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, STATCRUNCH 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 STATCRUNCH.

### 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.

**Textbook: Essentials of Statistics 7<sup>th</sup> ed. Mario F. Triola**

**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
Aug 28	1, 2.1 – 2.4
Sept 4	3.1 – 3.3
Sept 11	4.1 – 4.3
Sept 18	5.1 – 5.2
Sept 25	Exam 1
Oct 2	6.1 – 6.3
Oct 9	6.4 – 6.6
Oct 16	7.1, 7.2
Oct 23	Exam 2
Oct 30	8.1 – 8.3
Nov 6	9.1 – 9.3
Nov 13	10.1 – 10.3
Nov 20	11.1
Nov 27	Exam 3
Dec 4	Review for Final
Dec 14	Thursday, Final Exam 10:30 – 12:30