

**MATH 1342 (Elementary Statistical Methods)
Test Dates & Pacing Guide
Fall 2022**

Course Description:

Collection, analysis, presentation and interpretation of data, and probability. Analysis includes descriptive statistics, correlation and regression, confidence intervals and hypothesis testing. Technology will be incorporated where appropriate. Credit cannot be awarded for both MATH 1342 and MATH 3450.

Student Learning Outcomes:

At the conclusion of the course, the student will be able to:

- 1) Explain the use of data collection and statistics as tools to reach reasonable conclusions.
- 2) Recognize, examine, and interpret the basic principles of describing and presenting data.
- 3) Compute and interpret empirical and theoretical probabilities using the rules of probabilities and combinatorics.
- 4) Explain the role of probability in statistics.
- 5) Examine, analyze, and compare various sampling distributions for both discrete and continuous random variables.
- 6) Describe and compute confidence intervals.
- 7) Solve linear regression and correlation problems.
- 8) Perform hypothesis testing using statistical methods.

Textbook & Materials:

- *Statistics (13th edition)* by James McClave & Terry Sincich
- MyStatLab access code (for online homework)
- (Note: With the MyStatLab access code, the students have access to an e-book.
- Graphing Calculator (TI-84 Plus is highly recommended)
- Access to a computer with a webcam and microphone (for any required virtual assignments and/or virtual interactions)

Week	Monday	Tuesday	Wednesday	Thursday	Friday
1	Aug. 15	Aug. 1	Aug. 1	Aug. 18 First Day of Classes! Syllabus; Intro	Aug. 19

Week	Monday	Tuesday	Wednesday	Thursday	Friday
2	Aug. 22	Aug. 23 2.1/2.2	Aug. 24	Aug. 25 2.2/2.3	Aug. 26
3	Aug. 29	Aug. 30 2.4/2.6	Aug. 31	Sept. 1 2.7	Sept. 2 Last Day to Drop with no Record
4	Sept. 5 Labor Day Holiday – No Classes!	Sept. 6 2.7/2.8	Sept. 7	Sept. 8 11.2/11.5	Sept. 9
5	Sept. 12	Sept. 13 11.5 Review	Sept. 14	Sept. 15 Unit 1 Test	Sept. 16
6	Sept. 19	Sept. 20 4.1/4.2	Sept. 21	Sept. 22 4.2/4.3	Sept. 23
7	Sept. 26	Sept. 27 4.3/4.4	Sept. 28	Sept. 29 4.4	Sept. 30
8	Oct. 3	Oct. 4 5.1/2.5	Oct. 5	Oct. 6 2.5/2.6	Oct. 7
9	Oct. 10 Midterm grades due	Oct. 11 Review	Oct. 12	Oct. 13 Unit 2 Test	Oct. 14
10	Oct. 17	Oct. 18 5.3	Oct. 19	Oct. 20 7.1/7.2	Oct. 21
11 (Homecoming Week)	Oct. 24	Oct. 25 7.2/7.3	Oct. 26 Last Day to Drop with Q	Oct. 27 7.3/7.4	Oct. 28

Week	Monday	Tuesday	Wednesday	Thursday	Friday
12	Oct. 31	Nov. 1 7.5 Review	Nov. 2	Nov. 3 Unit 3 Test	Nov. 4
13	Nov. 7	Nov. 8 8.1/8.2	Nov. 9	Nov. 10 Last Day to Withdraw from the University 8.3/8.4	Nov. 11
14	Nov. 14	Nov. 15 8.3/8.5/8.6	Nov. 16	Nov. 17 8.3/8.6 Review	Nov. 18
15	Nov. 21	Nov. 22 Unit 4 Test	Nov. 23 No Classes – University Offices are still open.	Nov. 24 Thanksgiving Holiday – No Classes!	Nov. 25 Thanksgiving Holiday – No Classes!
16	Nov. 28	Nov. 29 Last Day of Classes! Restricted Activities Begins Review for Final	Nov. 30 Reading Day	Dec. 1	Dec. 2
Finals	Dec. 5 MATH 1342 Final Exam 3:30 – 5:30 p.m. Location: TBD	Dec. 6	Dec. 7	Dec. 8	Dec. 9
	Dec. 12 Grades due by noon	Dec. 13	Dec. 14	Dec. 15	Dec. 16

Number of Class Days per Unit:

	TR
Unit 1	8 + test
Unit 2	7 + test
Unit 3	5 + test
Unit 4	4 + test
Review for Final	1
Overall # of Days	29