

Text: Essentials of Statistics 4th edition (soft bound)
Author: Mario Triola

Math XL Access Code (this may be purchased with the text or separately)

Materials: Scientific Calculator – **A Texas Instrument TI-30X IIS is recommended**

1 inch ring binder notebook and dividers

Grading: The semester grade will be based on an accumulation of points:

Homework – 100 points (Math XL percentage)

| | | |
|--|------------|---|
| Exams - 100 points each | 90% - 100% | A |
| (3 tests will be given during the semester see schedule for dates) | 80% - 89% | B |
| | 70% - 79% | C |
| Technology Activity – 100 total points | 60% - 69% | D |
| (There will be 6-7 Tec. Activities – points will vary) | 0% - 59% | F |

Project - 50 points

SLO Assessment - 20 points

Notebook - 30 points (graded 3 times @ 10 points each)

Final Exam - 150 points
(Wednesday, Dec. 5, comprehensive)

Grade Record

You can always know your grade if you keep a record: add all your points and divide by the total points possible as of that time. This will give you a percentage of your points. Use the scale above to translate into a letter grade.

| | | | |
|------------------------------|----------------------|--------------|------------------|
| Test 1 _____ | Project _____ | Tec. 1 _____ | Tec. 5 _____ |
| Test 2 _____ | SLO Assessment _____ | Tec. 2 _____ | Tec. 6 _____ |
| Test 3 _____ | Homework _____ | Tec. 3 _____ | Tec. 7 _____ |
| Notebook _____, _____, _____ | | Tec. 4 _____ | Final Exam _____ |

Comments:

1. Attendance is required (2 absences are allowed, 3 tardies equal 1 absence)
Leaving class early will be counted as an absence unless cleared with instructor in advance.
2. **If you leave the classroom for any reason during a test, you will not be allowed to continue working on the test.**
3. **Homework (MathXL) can be accessed online. You will need access to a computer. You may use the computers in the Math Lab. Check for new assignments after every class meeting. Every assignment has a due date . Make sure you know the due date.**
4. No Make-Up Tests will be given!! If you miss a test your score will be recorded as a zero.
(Possibility of rescheduling test with at least one class meeting advanced notice)
5. No Food or Drinks consumed in the classroom (campus rule)
(water bottles are o.k. if you keep the cap secure)
6. Cell Phones must be turned off while in the classroom
This rule will be strictly enforced during tests!!!
7. Any Student creating a disturbance or disrupting class may be dropped. (be respectful of other students . . . do not use disrespectful or offensive language)
8. Tutoring is available in the Math Lab or Learning Center (Library)
9. Any evidence of cheating will result in a failing grade!!
10. The last day to drop with a grade of “W” is **November 10, 2012.**
11. Any student with a documented disability who may need educational accommodations should notify the instructor or the Disabled Student Programs and Services (DSP&S) office as soon as possible:

DSP&S: Room 2117
Health Science Building

1-760-355 – 6312

Elementary Statistics

Math 119

Schedule, Fall, 2012 **

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Mario Triola

Instructor: Mrs. Riehle

| Week | Dates | Content | Reading/Homework Assignment |
|------|------------------------------|--|--|
| 1 | August 20 August 22 | Introduction to Statistics Types of Data | Sec. 1-1 and 1-2 Sec. 1-3, 1-4, 1-5 |
| 2 | August 27 August 29 | Summarizing and Graphing Data Histograms and Other Graphs | Sec. 2-1, 2-2, 2-3 Sec. 2-3, 2-4, 2-5 |
| 3 | September 3 September 5 | Holiday/No Class (Labor Day) Statistics for Describing Data | Sec. 3-1, 3-2, 3-3 |
| 4 | September 10 September 12 | Exploring and Comparing Data Introduction to Probability | Sec. 3.4 Sec. 4-1, 4-2 |
| 5 | September 17 September 19 | Rules of Probability Test - Chapter 1, 2, 3 | Sec. 4-3 and 4-4 |
| | September 24 September 26 | Conditional Probability & Counting Discrete Probability Distributions | Sec. 4-5 and 4-6 Sec. 5-1 and 5-2 |
| 7 | October 1 October 3 | Binomial Distributions Normal Probability Distributions | Sec. 5-3 and 5-4 Sec. 6-1, 6-2, and 6-3 |
| 8 | October 8 October 10 | Central Limit Theorem Lab Activity (Meet in Lab. . . Location Pending) | Sec. 6-4 and 6-5 |
| 9 | October 15 October 17 | Approximation of Binomial Estimates and Sample Sizes Test - Chapter 4, 5, 6 | Sec. 6-6 Sec. 7-1 and 7-2 |
| 10 | October 22 October 24 | Confidence Intervals T Distribution Chi Square Distribution | Sec. 7-3 and 7-4 Sec. 7-5 |
| 11 | October 29 October 31 | Hypothesis Testing Testing a Proportion and Mean | Sec. 8-1 and 8-2 Sec. 8-3 and 8-4 |
| 12 | November 5 November 7 | Testing A Mean and Variance Inferences from Two Samples Project Due !!! | Sec. 8-5 and 8-6 Sec. 9-1 and 9-2 |
| 13 | November 12 November 14 | Holiday/No Class Veteran's Day Test Chapters 7, 8, 9 | |
| 14 | November 19 November 21 | Correlation Regression | Sec. 10-1, 10-2 Sec 10-3 |
| 15 | November 26 November 28 | Goodness of Fit ANOVA/Analysis of Variance F- Distribution | Sec. 11-1 and 11-2 Sec. 11-3 and 11-4 |
| 16 | December 3 December 5 | SLO Activity Final Exam (vocabulary, symbols, short calculations, use of calculator) | Chapters 1-11 |

** I reserve the right to change this schedule with due notice to students