



**Text:** Essentials of Statistics 4<sup>th</sup> edition (soft bound)  
Author: Mario Triola

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

**Materials:** Scientific Calculator capable of statistical calculations –  
**A Texas Instrument TI-30X IIS is recommended**  
(instructions for using this calculator will be given)

1 inch ring binder notebook and dividers

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

Exams - 50 points each (4 tests will be given during the semester see schedule for dates)	90% - 100%	A
	80% - 89%	B
	70% - 79%	C
Homework – 100 points (Math XL percentage)	60% - 69%	D
	0% - 59%	F

Technology Activity – 100 total points  
(There will be 6-7 Tec. Activities – points will vary)

Project - 50 points

SLO Assessment - 20 points

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

Final Exam - 100 points  
(Wednesday, May 14, comprehensive)

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### *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 _____
(10) (10) (10)			

**Comments:**

1. Attendance is required (3 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!!!**  
  
Electrical outlets in the classroom **may not** be used for charging.  
**Cell phones may not be used as your calculator 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 **April 11, 2014.**
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

**Accessing Blackboard:** <http://www.imperial.blackboard.com>

Use the first part of your IVC Email Address in the username field.

For the password field use your WebSTAR/Student Portal PIN.

# Elementary Statistics

## Math 119

### Schedule, Spring, 2014 \*\*

Text: Essentials of Statistics 4<sup>th</sup> edition  
Mario Triola

Instructor: Mrs. Riehle

Week	Dates	Content	Reading/Homework Assignment
1	January 20 January 22 January 24	Holiday/No Class Introduction to Statistics Types of Data & Critical Thinking, Collecting Sample Data	Sec. 1-1 and 1-2 Sec. 1-3 and 1-4 Sec 1-5
2	January 27 January 29 January 31	Summarizing and Graphing Data Histograms Other Statistical Graphs	Sec. 2-1 and 2-2, Sec. 2-3, Sec. 2-4 and 2-5
3	February 3 February 5 February 7	Measures of Center Measure of Variation Measures of Relative Standing	Sec. 3-1 and 3-2 Sec. 3-3 Sec. 3-4
4	February 10 February 12 February 14 ♡	Boxplots <b>*Test - Chapters 1 , 2 , 3</b> Holiday-Lincoln's Birthday/No Class	Sec 3-4
5	February 17 February 19 February 21	Holiday-President's Day/No Class Intro to Probability/"And" Rule <b>*Lab Activity (Location Pending)</b>	Sec. 4-1, 4-2, and 4-3
	February 24 February 26 February 28	"Or" Rule, Conditional, Complement Counting Methods Discrete Probability Distributions	Sec. 4-4 and 4-5 Sec. 4-6 Sec. 5-1 and 5-2
7	March 3 March 5 March 7	Binomial Probability Distributions Statistics of Binomial Distributions <b>*Test - Chapters 4 and 5</b>	Sec. 5-3 Sec. 5-4
8	March 10 March 12 March 14	Normal Probability Distributions Application of Normal Distribution <b>*Lab Activity (Location Pending)</b>	Sec. 6-1 and 6-2 Sec. 6-3
9	March 17 March 19 March 21	Sample Estimators/Central Limit Theorem Confidence Intervals & <b>Project</b> Confidence Interval for a Proportion	Sec. 6-4 and 6-5 Sec. Sec 7-1 Sec. 7-2
10	March 24 March 26 March 28	Confidence Interval for a Mean (T-Distribution) Confidence Intervals Variance (Chi Square Dis.) Estimating Sample Size	Sec. 7-3 and 7-4 Sec. 7-5 Sec. 7-2 thru 7-5
11	March 31 April 2 April 4	Introduction to Hypothesis Testing <b>*Test - Chapters 6 and 7</b> Testing a Proportion	Sec. 8-1 and 8-2 Sec. 8-3

Week	Dates	Content	Reading/Homework Assignment
12	April 7 April 9 April 11	Testing a Mean ( $\sigma$ Known) Testing a Mean ( $\sigma$ Unknown) Testing a Variance <b>Project Due !!!</b>	Sec. 8-4 Sec. 8-5 Sec. 8-6
13	April 14 April 16 April 18	Pooled Data Inference of Two Proportions <b>*Test Chapters 8 and 9</b>	Sec. 9-1 Sec. 9-2
	April 21-26	<b>Spring Break/No Class</b>	
14	April 28 April 30 May 2	Correlation and Bivariate Data Regression Technology and Regression	Sec. 10-1, 10-2 Sec 10-3
15	May 5 May 7 May 9	Goodness of Fit <b>SLO Quiz</b> (regression) ANOVA/Analysis of Variance	Sec. 11-1 and 11-2 Sec. 11-3 and 11-4
16	May 12 May 14	Review <b>Final Exam</b> (vocabulary, symbols, short calculations, use of calculator and technology)	<b>Chapters 1-11</b>

\*Test Dates may change with notification

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