# Elementary Statistics

# Math 11-56032 REEDLEY COLLEGE

Courtnie LaTorraca Spring 2010

**Office** **Hours**: By Appointment **Meeting** **Room**: CCI 200

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**COURSE DESCRIPTION:** This is an introduction to statistical methods and techniques for business, behavioral, and social science majors. Topics include descriptive measures of central tendency and variability, probability, binomial and normal distributions, random variables, sampling, estimating, hypothesis testing (parametric and nonparametric), correlation and regression.

## **Basic Skills Advisories:** Eligibility for ENGL 125 and 126

**Subject Prerequisites:** Math 103 or Equivalent

## **TEXT:** (OPTIONAL) Mario F. Triola, Essentials of Statistics, Pearson Addison Wesley Publishing, 3rd Edition, 2008.

**Required Web Access:** Course Compass can be purchased from the bookstore with text or from [www.coursecompass.com](http://www.coursecompass.com) . Course ID: latorraca15381

**ATTENDANCE:** Students are expected to attend all class meetings, be on time, and be in class the entire class session. **STUDENTS LEAVING CLASS BEFORE THE END OF CLASS WILL BE COUNTED AS BEING ABSENT!** You will lose **five (5) participation points for each absence** and **three (3) points for each tardy**. **Three (3) absences** may result in a drop from the course. However, if you decide to drop the course, it is **your** responsibility to make the drop official in the Administrations and Records office or else possibly receive a grade of **F.**

**Behavioral Standards:** Your classmates and I would greatly appreciate that students in the class take care of any personal needs (i.e., using the restroom, getting a drink, sharpening a pencil) before class begins. Please turn your phone off when entering the class. You may not use your phone as a calculator during class or on tests. I would appreciate that you not bring guests to class. Please be respectful of other students’ questions and comments.

**NOTE:**  The drop deadline is March 11, 2011

**TARDIES:** Students are expected to be on time. It is distracting, rude and unfair to fellow

classmates and to the instructor when a student is late. If you are not present

when roll is taken it is your responsibility to inform the instructor you are here.

**HOMEWORK:** Homework is done using CourseCompass on the computer. **NO LATE HOMEWORK WILL BE ACCEPTED!** Homework will be periodically be assigned and collected. Each collected assignment will be graded on completeness, neatness, and effort. Homework should be written on **one side** of a standard sized paper 8.5” x 11” (No spiral paper please) **stapled** in the upper left-hand corner, and in order. Homework should be **written in pencil**. Record the class name, your **name**, **homework assignment** (chapter, section and problems), and date on each homework assignment.*Note: Being absent the day homework is collected does not entitle you to turn it in late!* If you know you are going to be absent, turn in the homework before class, in my box, or make other arrangements.

**TESTS:** There will be 8 chapter tests in this class and 1 comprehensive final exam. All exams are weighted equally including the final. There are no makeup exams for missed tests but you may drop your lowest test score. You may use a 3”x 5” card with handwritten notes on your test. You may use a scientific calculator or a graphing calculator on the tests and with your homework.

**FINAL EXAM:** A two-hour comprehensive final exam worth one test will be given at the end of the semester during finals week.

**GRADING:**

* *HOMEWORK*: All of your homework scores will be added up and divided by the total possible points for the semester. This number is then multiplied by 100 to give a score between 0 and 100.
* *TESTS*: All of your test percentages will be averaged. This will give you a score between 0 and 100.
* *PARTICIPATION*: There are 15 participation points possible.
* Your homework grade is worth 20% of your grade. Your test score is worth 78% of your grade. Your participation is worth 2% of your grade.

*Example:* If your homework grade is 75, your test grade is 85, and you receive full participation points, then you would compute your grade as follows:

(.20)(75) + (.78)(85) + 2 = 15 + 66.3 + 2 = 83.3

Percent of Total Points Grade

90-100 A

80-89 B

70-79 C

60-69 D

0-59 F

## **BLACKBOARD:** This course will utilize blackboard for announcements, handouts, assignments, etc. You can access blackboard from the Reedley College homepage or at <http://blackboard.reedleycollege.edu> .Your login and password to blackboard is as follows:

**Login ID:** “your student ID#”

**Password:** “your student ID#”

## **WHERE TO FIND YOUR GRADE:**

* Available at <http://sc.webgrade.classmanager.com/ReedleyCollege/> Your class will be identified by schedule number.
* There will be a link under grades on Blackboard that will redirect you to the address above.

**Special Needs Request:** If you have a verified need for an academic accommodation or materials in alternate media (i.e., Braille, large print, electronic text, etc.) per the Americans with Disabilities Act (ADA) or Section 504 of the Rehabilitation Act, please contact me as soon as possible.

**HELPFUL HINTS FOR STUDYING MATH**

* Math is like learning an instrument, you have to practice. You cannot learn it by watching someone else do it.
* Math builds on itself. Don’t assume that the class will just go on to another topic. If you find that you are having trouble with one section, get some help from your instructor or a classmate before you fall too far behind.
* A little studying everyday is better than one giant cramming session. Try to do a little bit of math everyday so it stays fresh in your mind.
* Ask questions. If you don’t understand something in class, ask! Chances are, several other people in the room had the same question.
* If you are having trouble in the class, talk to your instructor and consider getting a tutor. Reedley College provides tutoring for free in the tutorial center in the southwest corner of the library.

**Academic Dishonesty**

Students at Reedley College are entitled to the best education that the college can make available to them, and they, their instructors, and their fellow students share the responsibility to ensure that this education is honestly attained. Because cheating, plagiarism, and collusion in dishonest activities erode the integrity of the college, each student is expected to exert an entirely honest effort in all academic endeavors. Academic dishonesty in any form is a very serious offense and will incur serious consequences.

**Cheating** is the act or attempted act of taking an examination or performing an assigned, evaluated task in a fraudulent or deceptive manner, such as having improper access to answers, in an attempt to

gain an unearned academic advantage. Cheating may include, but is not limited to, copying from another’s work, supplying one’s work to another, giving or receiving copies of examinations without an instructor’s permission, using or displaying notes or devices inappropriate to the conditions of the examination, allowing someone other than the officially enrolled student to represent the student, or failing to disclose research results completely.

**Plagiarism** is a specific form of cheating: the use of another’s words or ideas without identifying them as such or giving credit to the source. Plagiarism may include, but is not limited to, failing to provide complete citations and references for all work that draws on the ideas, words, or work of others, failing to identify the contributors to work done in collaboration, submitting duplicate work to be evaluated in different courses without the knowledge and consent of the instructors involved, or failing to observe computer security systems and software copyrights.

Incidents of cheating and plagiarism may result in any of a variety of sanctions and penalties, which may range from a failing grade on a particular examination, paper, project, or assignment in question to a failing grade in the course, at the discretion of the instructor and depending on the severity and frequency of the incidents.

## ***Important Dates***

January 12th Class Begins

January 18th Martin Luther King Jr. Day (No Class)

January 28th Last Day to Drop without receiving a “W”

February 18th Lincoln’s Birthday (No Class)

February 21st Washington’s Birthday (No Class)

March 11th Last day to drop without receiving a letter grade

April 18th – 22nd Spring Break

Tuesday May 17th Final Exam 6:00pm-7:50pm

**Note: The syllabus is subject to change under the discretion of the instructor.**

I \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, agree to the terms of the syllabus for Ms.LaTorraca’s Math 11 class.

(your name)

Student Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_