# MATH 11 – ELEMENTARY STATISTICS (#51799)
## Course Id: perez51076
## Spring 2013


**Instructor:** Mr. Conrad Perez
**Class Time:** MTThF 12:00 PM – 12:50 PM
**Classroom:** FEM-4
**Office:** FEM-1H
**Office Hours**: TTh: 10:00 PM – 11:00 AM;  W: 12:00 PM – 1:00 PM; or by appointment
**Phone:** 638-3641 ext. 3255
**E-Mail:** conrad.perez@reedleycollege.edu


**Textbook (Optional):** Essentials of Statistics (Fourth Edition) by Triola

**Web Access (Required):**  Course Compass access code must be purchased

**Computer Requirements**:

| Operating System | Version | Browser |
| --- | --- | --- |
| Microsoft Windows | Windows 7 | Firefox 11 and up<br>Chrome 15, 16<br>Internet Explorer 9 |
| | Windows Vista | Firefox 11 and up<br>Chrome 15, 16<br>Internet Explorer 9 |
| | Windows XP | Firefox 11 and up<br>Chrome 15, 16 |
| Mac OS | 10.7 (Lion) | Safari 5.1<br>Chrome 15, 16<br>Firefox 11 and up |
| | 10.6.8 (Snow Leopard) | Safari 5.1<br>Firefox 11 and up |

- Internet Connection:  Cable/DSL, T1 or other high-speed connection.  You **cannot** use a dial-up modem for the course.

- Adobe Acrobat Reader

**Important Dates:**  Drop Deadline- Fri. March 8, 2013.
Days Off- Mon. Jan. 21; Fri. Feb. 15; Mon. Feb. 18; Mon.-Fri. March 25-29.
Final Exam- Wed. May 15, 2013 from 12:00 PM to 1:50 PM

**Course Prerequisites:** C or better grade in Math 103 or equivalent.

**Course Overview:** The course will cover all or parts of chapters 1-10, and chapter 11 if time permits. The course objective is to obtain a solid understanding of concepts and problems dealing with statistics such as

    A. Summarize and describe given data sets.
    B. Apply the methods of descriptive statistics to determine the measures of central tendency and variability to a variety of problems.
    C. Apply basic principles of probability to determine probabilities of a variety of events.
    D. Analyze discrete and continuous probability distributions.
    E. Explore the basics of sampling theory.
    F. Estimate population parameters through studying confidence intervals.
    G. Examine hypothesis testing for small and large samples and multiple populations.
    H. Determine if a relationship exists between quantitative variables.

**Attendance:** After 4 absences, students may be dropped from the class. Late arrival and leaving class early will be considered as an absence. Any canceled classes will have a note posted on the classroom door.

**Behavior:** A student may be suspended from the class if he or she engages in a classroom behavior that interferes with the learning environment. Such behavior includes, but is not limited to, disruptive conversations with fellow students, regular tardiness, sleeping, and leaving the classroom during class time. Students are expected to turn off all pagers, cell phones, and other electronic devices during class time.

**Assignments**: There will be 8-9 exams worth 200 points apiece. Homework assignments will be worth 10 points apiece and these will done online at www.coursecompass.com . Some homework and/or extra credit may be assigned as group work during the semester. No homework will be accepted after its due date or no make-up exams will be given without prior arrangements being made before the homework's due date or before the exam. A student caught cheating will receive an F on the assignment and/or may be dropped from the course.

**Grading:** The course grade is based upon the points earned from the homework, exams, extra credit, and the final. At any time during the course, the grade of a student is determined as follows:

    $$\frac{\text{Points Earned}}{\text{Total Points Possible}} \times 100 = \text{grade of the student}$$

The grade will be based upon the following percentages (**NO ROUNDING**):
90-100% A    80-89% B    70-79% C    65-69% D    0-64% F

**Note:**  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.