

**Reedley College  
Math 11: Elementary Statistics On-Line  
Summer 2008**

**Instructor:** Mr. Russell Hickey

**Class Time** WEB (Section #78059/#78061)

**Office:** FEM-1F

**Class Room:** CCI-200/CCI-201 (Reedley College)  
ACI-108 (Willow International Center)

**On-Line Office Hours:** 8:00 AM-9:00 AM Monday-Saturday (On-Line Only)

**Phone:** 638-3641 ext. 3744

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**Required Text:** Allan G. Bluman, Elementary Statistics, A Step by Step Approach 4<sup>th</sup> Edition, McGraw-Hill, 2006  
(DVD Package with Mathzone access code)

**OBJECTIVES/OUTCOMES**

Students will be able to:

- Appreciate the usefulness of obtaining and analyzing data for making decisions and advancing knowledge.
- Understand the “big picture” description of what statistics is and be able to identify the components of the big picture in specific instances of statistical work. The “big picture” recognizes that in understanding a process or population one must collect representative data, summarize the data to find patterns within it, and infer from the data back to the process or population. This paradigm applies to many but not all situation, and most scientific truths are the result of many instances of the paradigm.
- Understand the importance of data collection and be able to critique the quality of studies based upon issues of data collection.
- Appreciate the prevalence of statistics in the advancement of knowledge and will be able to intelligently discuss media reports about studies that involve statistical issues.
- Apply basic data analytical techniques to uncover patterns and truths within data sets, and will understand the primary importance of graphing data.
- Apply the basic techniques of statistical inference to data, to interpret the results of a statistical analysis using the concepts of confidence interval or tests of significance, and to assess when particular inferential procedures are appropriate.

**HOMEWORK**

Homework assignments will be given on-line and from the textbook. You may work ahead if you like; all homework for the entire chapter is made available at the beginning of the semester. ***It is important to stay current to be successful in the course!*** The program is set up so that you must complete *all* the homework of a chapter with at least 70% success to be able to take the chapter exam. Any score that falls below 70% will be counted as a “0%”. **Do not expect to take the exam and then complete the homework.** Each assignment has a due date and the assignment will be unavailable to the student after the due date. After the due date, the student may request to access the homework, but this will result in a loss in your grade. All homework from the textbook will be due at the time of the exam over that chapter. If answers are copied from the back of the textbook or no work shown, the written assignment will be given “0 pts”. No late homework will be accepted that is assigned from the textbook.

**HOMEWORK PROMPTNESS GRADE**

For each late homework submitted, 0.15% will be deducted from the individual’s overall grade. There will be no exceptions in this policy, regardless of the reason.

**OPTIONAL ASSIGNMENTS**

An *optional* makeup assignment will be assigned for each midterm. The makeup assignment is worth 10 points and can be used to help increase low homework grades or as extra credit homework points. This optional assignment is due when the midterm is taken, no late assignments will be accepted. This assignment will be problems in the textbook.

**WRITTEN ASSIGNMENTS**

There will be *Five* written assignments for the semester. Each written assignment will be worth 100 points, these assignments will be due on the day of the Midterm exams (see attached schedule and assignment sheet). All problems are to be written out and all work shown in order to receive full credit for these assignments. If work is not shown, zero credit will be assigned for that problem. Late work will not be accepted.

## **EXAMS**

There will be four (4) exams, each exam is weighted equally. Exam dates will be announced in class at least one week in advance. If a student misses an exam, the student will be able to make-up a missed exam for 70% of the test's value. This make-up must be completed within 3 academic days of the exam date at the convenience of the instructor(both time and location).

## **FINAL EXAM**

A two hour final exam will be given at the end of the semester during finals week on the Reedley College campus. The exam will cover the Chapters 9 & 11.

## **FINAL GRADE**

Grade distribution:

On-Line Homework	10%
Written Assignments/Textbook	20%
Homework Promptness	1%
Midterms	55%
Final Exam	14%

Course grades will be assigned as follows:

A	90 – 100
B	80 – 89
C	70 – 79
D	60 – 69
F	59 and below

## **Important Dates**

**Drop Date:** Friday, July 4 Last day to drop a course

**Final Exam:** Thursday, July 31<sup>th</sup> (Reedley College) 6:00-8:00 P.M.  
Wednesday, July 30<sup>th</sup> (Willow International Center) 6:00-8:00 P.M.

*Note: It is the responsibility of the student to drop the course!*

**Note: This syllabus is subject to change at the discretion of the instructor.**