Instructor: Mr. Russell Hickey   **Class Time**   MTThF 10:00-10:50 A.M. (Section #51040)

Office: FEM-1F   **Class Room:**   Monday AG-15
                                                              Tuesday FEM-1
                                                              Thursday FEM-1
                                                              Friday AG-2

Office Hours: Monday 1:00-1:50 P.M..
                      Wednesday 10:00-10:50 A.M.
                      Friday 9:00-9:50 A.M.

Phone: 638-3641 ext. 3744

e-mail: russell.hickey@reedleycollege.edu

Required Text: Allan G. Bluman, <u>Elementary Statistics, A Step by Step Approach</u> 3nd Edition, McGraw–Hill, 2005

OBJECTIVES
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.

ATTENDANCE
Students are expected to attend all class meetings, be on time, and be in class the <u>entire</u> session. There The only excused absences are those due to a school–related activity or a requirement to appear in court, written proof must be submitted. Calling me to tell me you will be absent **does not** excuse you. **STUDENTS LEAVING CLASS BEFORE THE END OF THE CLASS WILL BE COUNTED AS BEING ABSENT!** 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. **Six (6) 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.

PARTICIPATION GRADE
Each student will begin the semester with **forty (40) participation points**. Each absence (lack of participation) will result in the loss of ten (10) participation points. If you are absent (lack of participation) more than **four (4)** times, you will continue to lose ten points per absence, but now these points will be taken from other earned points, such as homework or exams. **If you leave class early you will lose ten (10) participation points!** Cell phones/pagers are very disruptive to the instructional environment, these items are to be turned off prior to instruction.

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 a student is tardy on a consistent basis, 10 points will be deducted from their participation grade per tardy.

ACCOMMODATIONS FOR STUDENTS WITH DISABILITIES
If you have special needs as addressed by the Americans with Disabilities Act (ADA), including alternate media requests, please notify me immediately. Reasonable efforts will be made to accommodate special needs.

DISRUPTIVE 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, and leaving the classroom during class time. Students are expected to turn off all pagers, cell phones, and other electronic devices during class time. If a cell phone or pager interrupts instruction, the student may be asked to leave class for that day.

HOMEWORK
Each assignment will be collected and graded on completeness, neatness, and effort. Homework should be written on standard sized paper 8.5"x11" (No spiral paper please) stapled in the upper left–hand corner, and in order. Homework should be written in pencil. In the upper left-hand corner of the homework, the corresponding lecture number must be labeled. Homework without the corresponding lecture number will receive "0 pts". Work must be shown in order to receive credit. Each assignment collected will be worth 10 points, late homework *will not* be accepted.

MAKEUP ASSIGNMENTS
An *optional* makeup assignment will be assigned for each exam. The makeup assignment is worth 10 points and can be used to help missed assignments, increase low homework grades or as extra credit homework points.

EXAMS
There will be seven (7) exams, each exam is weighted equally. Exam dates will be announced in class at least one week in advance. A student will be able to make-up a missed exam for 70% of the test's value. This make-up must be completed within 2 academic days of the exam date at the convenience of the instructor.

FINAL EXAM
A two hour comprehensive final exam will be given at the end of the semester during finals week. This final exam is optional and may be used to replace a low-test score or a missed test. The final exam may **not** be used to replace the homework grade or the participation grade.

FINAL GRADE
Grade distribution:

Participation	2%
Homework	12%
Projects	6%
Exams	80%

Course grades will be assigned as follows:

A	89 – 100
B	78 – 88
C	68 – 77
D	58 – 67
F	57 and below

Important Dates

Drop Date:	Friday, October 14	Last day to drop a course
Holidays:	Monday, September 5	Labor Day
	Friday, November 11	Veteran's Day
	Thursday/Friday, November 24-25	Thanksgiving day
Final Exam	**Wednesday, December 14**	**10:00-11:50 A.M.**