

**Inferential Statistics with Algebra**  
**POLICIES and GRADING**

**COURSE DESCRIPTION**

Students who are interested in education, medical sciences, social sciences or other careers that do not require calculus are strongly encouraged to enroll in this course. This course is designed to give students a solid foundation in College Algebra integrated with Statistics. We will extend topics from Algebra II and include Pre-calculus topics that will prepare students for college-level math courses, placement exams, and college Statistics. We will also discuss consumer math topics such as interest rates on loans, credit cards, and financial planning. The Statistics topics include collecting and displaying data, measures of central tendency, sampling distributions, probability, hypothesis testing, regression and correlation. Jefferson County Content Area Standards in the areas of data analysis, number sense and algebra will be addressed. The goals of this course are to strengthen the student's quantitative skills and reinforce the relevance and applicable nature of Statistics.

**MATERIALS**

1. The basics: Pen or pencil, paper, one box of Kleenex for the class.
2. A graphing calculator is required. The TI-84 plus or CE would serve you best.

**GRADES**

1. Posted in the classroom is a calendar outlining each homework assignment. If you miss a quiz or test it is your responsibility to make them up in a timely manner according to district guidelines.
2. Grades are calculated according to the following percentages: daily work and homework 20%, quizzes 25%, tests 40%, and final exam 15%.
3. Assignments are given daily. **In addition to the assignment**, rereading and studying notes from class and the book is **crucial. I DO NOT ACCEPT LATE HOMEWORK**, per math department policy.
4. Quizzes will be announced and usually cover from one to three sections of material.
5. Tests will traditionally be at the end of each unit/chapter. There are no retests for the chapter tests, so be prepared on test day. No notes are allowed on either quizzes or tests. I will make you aware of formulas which will be given to you, and those which need to be memorized.
6. Assessment: A=90-100%, B=80-89.99%, C=70-79.99%, D= 60-69.99%, F=59.99% or below.

**TUTORING**

Room G307. Tutorial hours: During any morning Access period from 7:00-7:30. If you need to make up work, I will also expect you to do this during Wednesday Advisement time or your off period. It is your responsibility to obtain the notes you may miss if you are absent from class. Realize the textbook is only a resource, and that my expectations sometimes differ from the book. You must always provide solutions in the format that you have learned in class, which may differ from the book's solutions.

**MANAGEMENT**

1. Bring materials daily.
2. Get help as early as possible if you are struggling.
3. Remain seated until the end of class.
4. Treat the teacher, our school, and other students with respect. All school and district policies will be enforced. Missing over one half the class constitutes an absence. To avoid being marked tardy, students should be in their seats ready to begin work when the bell rings. EACH UNEXCUSED ABSENCE TO MY CLASS WILL RESULT IN A CERTAIN PERCENTAGE LOSS ON A HOMEWORK ASSIGNMENT. This percentage begins at 10% and increases by 10% for each additional unexcused absence. Also note if you are unexcused on the day of an assessment, there will be no exceptions to the two-day make-up policy. 0's will be given for that assessment if not made up within two days. There is also, by district policy, a certain percentage lost for unexcused absences on days of an assessment, same as above for each offense.
5. No hats/caps in classroom, no electronic devices other than graphing calculator. I do NOT allow cell phones or smart watches to be out during class time. Both are to be placed in the phone cubby at the beginning of each class. Consequences are as follows: 1<sup>st</sup> offense-warning, 2<sup>nd</sup> offense-I collect until end of class, 3<sup>rd</sup> offense-I collect, student may pick up from AP at end of school day, 4<sup>th</sup> offense- I collect, a parent must pick up from the AP.

**CONTACT**

1. The email system is the preferred method of contact. See above for email information