

COLLEGE ALGEBRA AND STATISTICS

Mr. Overmyer

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Bring to class daily: Chromebook, Textbook, Notebook for Math notes only, Folder, Calculator, Notebook Paper for homework assignments, Pencils, Colored Pens

Topics Covered:

College Algebra

- Review of Prerequisites
- Integer and Rational Exponents
- Radicals/Factoring/Rational Expressions
- Linear/Rational/Quadratic Equations
- Linear/Compound/Absolute Value Inequalities
- Inverse/Exponential/Logarithmic Functions
- Properties of Logarithms
- Remainder and Factor Theorems

Statistics

- Introduction to Statistics
- Organizing Data
- Averages and Variation
- Correlation and Regression
- Elementary Probability Theory
- Binomial Probability Distribution
- Normal Curves and Sampling Distribution
- Hypothesis Testing

CLASS EXPECTATIONS

1. Treat **everyone** with respect. Making fun of classmate's questions or actions will not be tolerated.
2. You are to come to class **on time** and prepared to work. You should have your paper, pencils, notebook, folder, textbook when you come to class.
3. Hall pass use is limited to emergencies only.
4. Grading is based upon total points earned in the quarter. Included in this total will be homework and tests.
5. Attendance is essential to your being successful in this class. Please attempt to schedule all appointments if at all possible after school hours.
6. Respect the classroom. Do not write on the desks. Opening or shutting windows and turning fans off and on will be done by the teacher.
7. All students have the right to receive quality instruction. When you disrupt this process through inappropriate behavior, you may incur consequences (depending on the severity of the incident), ranging from a verbal warning to school disciplinary referral. Repeated offenses will result in a conference with a parent to rectify the situation.
8. All electronic devices, such as cell phones are to be silenced and placed out of sight, unless approved by the teacher.
9. In order to be successful in this class, you should take daily class notes from the board and keep them in a bound notebook.

GRADING:

Homework---All homework assignments will be due on the day of the test that is covered by that material. Each assignment should be labeled and stapled together in the order in which they were completed. No credit will be earned for homework turned in after you take the test on that material. All assignments should be completed on loose-leaf notebook paper. Corrections to homework assignments are to be made in blue/red ink. Work must be completed in pencil. The set of assignments will be worth a total of 20 points.

Assignments will be graded on the following scale:

Full Credit: All problems completed, all work shown, neat appearance

Partial Credit: Most problems completed, all problems completed with no work shown, all problems completed without problems shown.

No Credit: Not turned in/not turned in on time, completed in ink, illegible work

Tests-Between 4 and 6 per quarter

-Work must be shown to earn credit

-Worth between 100-150 points, depending on the amount of topics covered on the test.

Note: You will be able to access your grades through Progress Book. Homework assignments will be shown as a total, which will include all assignments leading up to the test over that material.

Make-Up Work Policy- You are responsible for all work that you miss when you are absent. This includes school field trips, college visits, and vacations during the school year. Tests missed will be made up when you return.

If an advanced request absence form is signed, all work must be turned in the day that you return. Make up tests will be scheduled through the teacher.

Google Classroom will be updated daily with notes from class, homework assignments and class information. When you are absent, check Google Classroom to obtain the work you missed. This will help keep you from falling behind.

Calculators- You should have your own calculator, and know its functions for use for homework assignments and tests. Calculators should conform to the standards of the ACT, which requires calculators that do not have a keyboard. There will be a classroom set of calculators for use during class, but these calculators are not to leave the classroom. You will not be able to use calculators on your cell phone in the classroom for homework or on tests.

Cheating-Will not be tolerated at any time. A grade of 0 will be given for that task. The second offense is an automatic "F" for the class. Examples of cheating are copying work from another student, access to test questions before the exam, using notes or unauthorized aids, or using a cell phone.

I am available to answer any questions you have from 7:15-7:45 and from 2:30-2:45 every day in Room 207. I am also available for help during 2nd period and A Lunch, as I eat during B Lunch Please feel free to stop in any time you have a question or problem!!!!!!

* Changes to the items in the syllabus are at the teacher's discretion and can be made at any time.