

College Math Syllabus

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Course Title: College Math

Credit: $\frac{1}{2}$ credit per semester; this is a 2 semester course; total is 1 credit

A. Classroom Rules

1. Respect others including their person, and belongings. Follow the Golden Rule.
2. Come to class prepared to learn. This includes assignments due, supplies, and state of mind.
3. Respect our new school building.

B. Supplies Needed: Bring a pencil and some paper. If you have a calculator that you are used to using, you can bring that. I suggest you get a 3 ring binder or a folder to keep all of your notes, worksheets and tests organized.

C. Hall Pass Policy

- Try to use the restroom before or after class.
- You are expected to sign in and out of the classroom when using a hall pass. I will provide a roster with columns to document the time you leave and return to class.
- No passes will be granted during instruction time unless it is an emergency.

D. Cell phone and iPad policy

- Cell phones are only allowed during lunch time, per student handbook.

E. Grading policy

- Assignments will be worth 15 points each. These assignments are usually graded for completeness and correctness.
- Quizzes are worth 30 points each. You will know when they are coming. I do not do pop-quizzes.
- Tests are worth 50 to 100 points each depending on how much material is covered.
- Projects will be done each quarter. These are worth 100 or more points each. We will do projects on Ancient Numeration Systems, Famous mathematicians, A Collage of Math, and the last will be announced. I will give you a rubric and class time to work on these. I want you to have some fun exploring different types of mathematics. Creativity as well as accuracy is encouraged.

F. Topics of Study:

1. Real Numbers
2. Basic Concepts of Algebra
3. Graphs, Functions, and Systems of Equations and Inequalities
4. Geometry
5. Trigonometry
6. Problem Solving

7. The Basic Concepts of Set Theory
8. History of Mathematics
9. Numeration and Mathematical Systems
10. Introduction to Logic
11. Number Theory
12. Probability
13. Statistics