

Algebra I
Corbett High School
2017-2018

Contact Information

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Course Description

Algebra I is the foundation of all higher math classes. In this course, students will learn to solve and graph equations and inequalities (including systems), solve a variety of word problems, manipulate polynomials (including factoring), solve and graph quadratic equations, simplify rational expressions, and become proficient in operations with integers, exponents, and radicals. ***Corbett High School requires four years of math that are Algebra I or higher.*** Success in this course is essential for timely high school graduation.

Required Materials

- Personal pencil, daily
- Scientific Calculator, daily
- ***optional but extremely helpful** two boxes of Ticonderoga presharpended pencils to donate to the classroom.

The calculator pictured (TI-30XS Multiview) is the best scientific calculator for Algebra 1 and Algebra 2. Retail for \$15 on Amazon.com and at any big box store.



Grading Policy

Tests are 100% of the grade. 80% of the grade comes from unit tests comprised of several skills (each skill receives a separate score); 10% of the grade comes from the midterm and 10% of the grade comes from the final.

Every test in this class will include assessment of unit skills and a “Are you ready for the midterm/final?” section that contains problems from previous skill tests. Because math skills build upon each other, retention of content is paramount for success later in the year and in future math classes.

Students will have multiple opportunities to demonstrate mastery of each skill; the newest grade (whether lower or higher) replaces the previous grade. Because this course is the foundation for all future mathematical studies, it is imperative that students learn and retain the material. Students may continue to retake skill tests until the end of the grading period (see deadlines below); however, some retakes may need to be arranged outside of class time.

Students and parents can log in and check grades through Synergy at all times; online grades are updated weekly (more often, if possible).

Deadlines

Thursday, October 5 at 3:40 p.m.: Skills assigned during first half of T1 and T1 midterm

Thursday, November 16 at 3:40 p.m.: Skills assigned during second half of T1 and T1 final

Friday, January 19 at 3:40 p.m.: Skills assigned during first half of T2 and T2 midterm

Thursday, March 8 at 3:40 p.m.: Skills assigned during second half of T2 and T2 final

Thursday, April 19 at 3:40 p.m.: Skills assigned during first half of T3 and T3 midterm
[deadline pending] PSAT/SAT prep and T3 final

Homework/Daily Assignments

Students will have a daily assignment with significant in-class time to complete the assignment. Any unfinished problems from the assignment become homework; the vast majority of students complete this assignment during class work time. Repeated failure to complete assignments may result in any or all of the following:

- assigned "lunch and learn" time with Ms. Duprey to complete missing assignments
- phone call and/or email home
- mandatory attendance at Friday School
- meeting between family, student, and Ms. Duprey

Though assignments are not a part of a student's grade, they are an essential tool to learn math. Athletes perform on game day the way they practice during the week, but no one keeps score for practice. We evaluate the quality of practice in the performance during the game. Think of assignments as practice and tests as the game.

Resources and Extra Help

I am available (by appointment) for extra help before and after school.

Additionally, peer tutors are available (at no cost) through National Honor Society. Please contact Ms. Duprey directly to arrange an NHS tutor for single session or regular tutoring.

Syllabus Verification

I have read, reviewed, and understand the information regarding Algebra I expectations. I know that students are required to bring a pencil and scientific calculator daily. I understand cell phone calculators are not permitted because they do not have the same functionality and are not allowed on standardized tests like PSAT, SAT, ACT, and AP exams.

Student Name

Parent Name

Student Signature

Date

Parent Signature

Date