

Campbell High School
Instructor: **Mrs. Kimberly Barnett**
Email Address: kbarnett@litchfieldsd.org
Phone Number: 603-546-0300 (ext. 3224)

Course Title: Topics in Applied College Mathematics
Room: 224

Credits: **1 Math Credit**

Course Description:

In Topics of Applied College Mathematics (TAC) you will further develop and reinforce the critical thinking skills, computational skills, and mathematics conceptual understanding which should be possessed by college-educated citizens. General course topics will include number theory and systems, Algebra, finance, geometry and probability and statistics in real-world scenarios.

We will use a variety of technology tools as we investigate and discuss various mathematics concepts (examples: scientific and/or graphing calculators, dynamic geometry software, online tools, etc.)

Grading Policy:

Your grade will be calculated using a percentage system and will comprise of three main elements:

1. Tests/Exams
2. Quizzes
3. Assignments

Assignments may include classwork, homework, and/or activities done alone or in a group. You will have multiple opportunities to demonstrate your mastery of core competencies. There will be at least four (4) of these opportunities per competency/per semester.

Retakes are available for specific summative assessments at the discretion of the instructor. In order for you to be eligible for a retake, all prior assignments must be completed satisfactorily prior to the date of the original summative assessment.

School Policy for Retakes

- Re-takes are available for a minimum of one summative assessment per competency per semester.
- Requests for re-takes must be initiated **by the student** within 3 school days after grades are posted on the student grade portal.
- The student will complete a plan of study or corrective action before re-taking assessment
- Re-takes will occur within 10 school days after grades are posted on the student grade portal
- At the conclusion of the re-take, the higher grade will stand
- Student eligibility will be based upon completion of formative assessments.
- Re-take assessments will not duplicate the original assessment, as this would run contrary to the spirit of the re-take philosophy
- Certain assessments such as labs or performances may be ineligible for re-takes
 - Re-takes will not be allowed in any courses during the 5 school days prior to the week of exams, nor during the exam period.

Competencies:

You must earn at least a 65% in each of the following core competencies in order to pass this course.

Course Competencies: Throughout the course, students will:

- 1) **Explain** and justify reasoning when solving mathematical problems.
- 2) **Apply** and extend properties of number systems.
- 3) **Create** tables, graphs and equations as ways for depicting and analyzing patterns, relations, and functions
- 4) **Design** models that can be used to represent and understand quantitative relationships

Make-Up Work:

In the event of your absence from class, it is your responsibility to find out about any missed assignments and/or assessments. You will have until the next class to complete and turn in missed work. When you are absent excused on the day of an assessment, you must complete the assessment within 2 class periods following the absence. Exceptions may occur on a case-by-case basis, but it is imperative to communicate with me in a timely fashion any situation where an exception needs to be made!

Extra Help:

If you would like to come for extra help, please see me to verify that I will be available after school. I am usually here and will be available for help, but there are times when I will have meetings or appointments after school and won't be able to meet with you.

You can also access [khanacademy.org](https://www.khanacademy.org) for some help if you are working at home on any assignment and you need some additional clarification.

Expectations:

As a member of the school community, you are expected to read and follow all rules and expectations as outlined in the student handbook. As a member of our class community, please follow this primary class rule...**BE RESPECTFUL!!!!** To yourself, your classmates, your teacher, any visitors, and to the property in OUR classroom.

Other procedures to consider include:

- Arriving on time to class (be prepared to learn at the start of class)
- Participating and working cooperatively, individually and in assigned groups
- Listening, engaging and asking questions
- Making up work after absence (see Make-Up work above)
- Seeking extra help when needed
- Bringing all required materials to class daily (this includes books, notebooks, homework, pencils, calculators, etc.)
- Clean up after yourself! If you have a snack or a water in the classroom, please make sure to dispose of it properly before leaving.

Failure to abide by the rules set forth by Campbell High School and/or disrupting the learning environment for others will result in disciplinary action.

Classroom Materials:

Textbook:

Since your textbook, *Big Ideas: Algebra 2*, book is accessible online via the internet, you will not be getting a hard copy of a book. If you want to have a hard copy, you will need to see me and we will sign you out a copy of the textbook that you will be responsible for.

Follow the steps below to setup your online access:

Directions:

1. Visit www.bigideas.math.com
2. Click "New to Big Ideas Math?"
3. Enter your access code click Next
 - a. Block C: 27TK-2KE4-NRPG
4. Fill out the required information and click Next
5. Write down your username (You can use your username from last year if you remember it) and click Next

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Take this sheet home to discuss with your parents/guardians. If there are any questions, please do not hesitate to contact me. This is assignment #1 and will be graded as a summative assessment.

Student Signature

Parent/Guardian Signature

Print Student Name