

Syllabus

Analytical Math
Ben C. Rain High School
2020 – 2021 School Year

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Description

- This course is designed to build on algebraic concepts. It develops advanced algebra skills such as vectors, matrices, limit sequences, Fundamental Theorem of Algebra, and the unit circle.
- You will rely on symbols to represent and explain mathematical relationships. You will also use technology, such as graphing or scientific calculators, to help you to analyze data and recognize patterns more easily.
- Each assignment will have a due date. It is your responsibility to make sure you get your assignments turned in on time. If you are unable to meet a deadline for assignment, please make sure you contact me. Missing assignments will be handled on a case-by-case basis.

Students will need to have:

- Pencils
- Notebook paper
- Erasers
- Graph paper
- Scientific calculator

Grading

- All tests and major projects will count as 60 percent of the grade.
- Quizzes, classwork, and minor tasks and projects, and homework will count as 40 percent of the grade.

Grading scale

A: 90-100	C: 70-79	E: 0-59
B: 80-89	D: 60-69	

Online Classroom Netiquette

- **Be respectful.** While it is easier to say hurtful or disrespectful things without standing face-to-face with someone, it is important to remember that your classmates and teachers are real people who are affected by the words you say and write. It is essential to keep in mind the feelings and opinions of others, even if they differ from your own. *If you wouldn't say it to someone's face, don't say it online either.*
- **Be aware of strong language, all caps, and exclamation points.** It is easy for written text to be misread and misunderstood. Have you ever sent a text message with good intent but your recipient thought you were being rude? If so, then you've experienced this firsthand. By being cognizant of strong language, you can identify potential confusions before sending messages. *Tip: Read everything out loud before you send it.*
- **Be careful with humor and sarcasm.** Certainly you shouldn't avoid being funny. We love to see your personality shine through in online classes. Many of our teachers are exceptionally funny too. But like mentioned in Rule #2, make sure that it is clear you are being funny and not being rude. Emoticons and smileys can be helpful when conveying humor or sarcasm so that it is read correctly. Just remember to keep the smiley faces away from academic papers. 😊
- **Yes, grammar and spelling matter.** While texting, textspeak can be great for friends. In an educational setting (even online) however, keep it formal. Your written communication should be professional and reflect proper writing style. Save written shortcuts and less than stellar grammar for Snapchat if you must, but follow grammar rules for school.
- **Don't post or share (even privately) inappropriate material.** Enough said there. Nothing is truly private online.
- **Be forgiving.** Remember that not everyone will know these rules before posting. Try to be understanding of others when they struggle with written communication. It is very different than simply talking to a person face-to-face.