

Pre-Calculus

Teacher: Mrs. Coulson

COURSE DESCRIPTION

Precalculus is a continuation and extension of Algebra 2. Topics for student mastery include equations, inequalities, properties of functions, models, functions, trigonometric functions, triangles, and circles. Students extend their knowledge of the complex number system to use complex numbers in polynomial identities and equations.

CLASS EXPECTATIONS

1. Expect to learn something every day. Be prepared. Have your supplies ready, including your Chromebook (charged), book, and a pencil. Work completed in pen will not be accepted.
2. Covered drinks are acceptable.
3. You may only use the restroom in an emergency, you are expected to stay in class.
4. Expect to have homework most nights. My goal is 15- 30 minutes, although I realize students work at different speeds. You should be working on your school work WITHOUT Snapchat, YouTube, photomath, Spotify or other distractions. The best way to develop mathematical skills is to work on math problems, a lot of problems. If homework is taking too long or you are becoming frustrated, put it up and come into school at 7:00 AM (Mon-Thur) for help.
5. **Use google classroom daily (especially if absent!) to keep up with assignments and resources.**

CLASS COMMUNICATION (see class expectation #5)

Google Classroom: class code - o2fkxhw

STUDENT EVALUATION

Grading: Averages are calculated by taking the total points earned by the students and dividing that total by the total points possible for that grading period.

Daily Grades: Daily grades may include bell work, class work, or homework. Point range: 5 – 20

Quiz Grades: Quizzes may be announced or unannounced. Point range: 10 – 50

Test Grades: Tests, including notebook tests are given every one to two weeks. Point range: 90 – 150

MAKEUP POLICIES

Excused absences are always a possibility during a semester. Make every effort to be in class.

Assignments and resources are normally posted on google classroom every day. If you are absent but physically able, please try to stay caught up. Makeup work is normally due 3 days after return.

TUTORING

Before school Monday - Thursday. Afternoon academic assistance may be available as well. You may schedule a virtual meeting if needed.

NEEDED SUPPLIES

1. A 3 ring binder to keep up with class notes, homework papers, and returned work.
2. Earbuds (for use ONLY during class computer labs utilizing audio).
3. Fine tip dry erase markers (at least 3 colors)
4. Paper (notebook and graphing)
5. Pencils, colored pencils, pens, or highlighters
6. Chromebook. Charged and ready to use

**A TI Nspire graphing calculator (CX, not CAS preferred) is very helpful, but not required.

***It is helpful to have the google classroom app set up on your phone.

HELPFUL LINKS

Textbook: [Online Textbook](#) Precalculus: An Investigation of Functions (2nd Ed) [My Open Math](#)

Key FCHSPC1 Course ID 133103 and Key FCHSPC2 Course ID 133104

Class Daily Assignments and Resources:

[Google Classroom \(code o2fkxhw to join\)](#)

Helpful Videos : <http://patrickjmt.com/>

Helpful Videos and Practice Problems: <https://www.khanacademy.org/>

ACT Practice: [crackact math](#)

This syllabus with active links is available on Google Classroom/Classwork/Materials.