

Welcome to Precalculus ACP!

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The major topics covered in this course are:

Rational Expressions and Equations

Angular and Linear Speed

Analytic Trigonometry

Polynomial Functions

Piecewise Functions

Exponents/Logarithms

Trigonometric Functions

Graphing Rational Functions

Limits

Sequences and Series

Classroom Engagement Expectations: Each student is an important member of the class. All students are expected to contribute to a positive, supportive and engaging classroom community.

1. Communication:

- a. demonstrate appropriate communication and respect with peers and teachers by actively listening to the teachers when new material is being delivered and actively listening to peers/teachers when they are asking or answering questions.
- b. Ask Questions when something is unclear:
 - i. This can be during class, asking during class break or right after class, coming to an office hour or utilizing the math lab.

2. Engage in the classroom culture by:

- a. Completing the practice opportunities assigned to you:
 - i. Homework is assigned to give students independent practice opportunities. Homework serves as an important tool in student preparation for success during class presentations, discussions and assessments. Homework completion is **not** used to determine a student's grade in the course.
 - ii. Classwork is assigned as an opportunity for students to complete practice problems that reinforce student understanding of material.
- b. Participating in classroom dialogue
- c. ask or answer questions, explain your thinking
- d. share ideas, answers, alternative approaches or strategies to a problem
- e. actively listen when your classmates are sharing their ideas

- f. write your solution up on the board

3. Incorporate Feedback received from teacher and peers in student work.

- a. You will be given opportunities to reassess course standards. Make the most of these opportunities by learning from previous feedback!

Student Support (Extra Help):

- Utilizing the Math Lab!
 - Math Lab is a student support that runs during a majority of class periods. Math teachers are waiting for student questions. Students can visit the Math Lab during grey block(Block 1) or during any other free period in their schedule (DRs or permanent dismissal)
 - Please use this link to check the math lab schedule and location: [Math Lab Schedule 21-22 \(Linked here\)](#)
- Mrs. Miller's extra help!
 - Tuesday and Thursdays after school 2:30-3:15
 - Block A classes Day 1,2,4,6 from 7:30-8:29
 - Other blocks and after school times available by appointment

Materials:

- Graphing Calculator – recommend a TI-83 (+) or TI – 84 (+/ Silver / Color)
- (Graphing) Notebook – recommend a 3 ring binder to keep organized
- Pencil – always recommended for math classes

Evaluation of Student Work (Grading Policy) ^[1]

“Diagnostic, comment-based feedback is now known to promote learning, and it should be the standard way in which students’ progress is reported.”

–Jo Boaler *What's Math Got to Do with It?: How Teachers and Parents Can Transform Mathematics Learning and Inspire Success*

Please use the following link to access the policy on evaluating student work:

- [Link to PreCalculus ACP Evaluation of Student Work](#)

[\[1\]](#) Any change to the term grading policy will be discussed as a class prior to implementing the change(s).