

Welcome to Precalculus ACP!

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The major topics covered in this course are:

- ☐ Rational Functions
 - ☐ Expressions, Equations, and Graphs
- ☐ Exponential and Logarithmic Functions
 - ☐ Expressions, Equations, and Graphs
- ☐ Trigonometric Functions
 - ☐ Right Triangle Trigonometry
 - ☐ Arc Length and Sector Area
 - ☐ Trigonometric expressions and equations
 - ☐ Graphs of sine, cosine, and tangent functions,
 - ☐ Trigonometric identities
 - ☐ Analytical trigonometry

A more detailed list of the course standards can be found on the [Precalculus 22-23 Standards document](#).

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 **tracked but not graded**.
 - 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. Formative assessment will help you assess your own learning and that of your peers. Take these opportunities to learn from your mistakes.
- b. 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 A 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 22-23 \(Linked here\)](#)
- Mrs. Miller's extra help!
 - Tuesday and Thursdays after school 2:30-3:15
 - Other blocks and after school times available by appointment

Materials:

- Scientific or Graphing Calculator
- (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).