

Pre-Calculus

2020 - 2021 Syllabus

Mrs. Bickett

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Pre-Calculus is to be taken after Algebra I, Geometry, and Algebra II. Pre-Calculus is geared towards the college bound student and will be taught accordingly.

I. Units Covered in Pre-Calculus:

- Functions
- Rational Functions
- Exponential/Logarithmic Functions
- Right Triangle Trigonometry/ Law of Sines and Cosines
- Unit Circle
- Trigonometric Graphs
- Trigonometric Identities
- Conic Sections
- Polar Coordinates
- Vectors
- Limits/Derivatives/Area of Curve

II. Class Expectations – In Person and Virtual

- **All school rules will be enforced.**
- Plagiarism will not be tolerated.
- Each student is expected to respect others in the classroom and treat everyone as he/she would like to be treated including peers, guests, and me, as the teacher.
- Attendance is critical, but if a student is absent it is their responsibility to ask for the make-up work before or after class. They will have the number of days they were absent plus one extra to turn in the make-up work unless you discuss an alternative with me.
- I expect all students to keep up with their work in my class. That means it must be turned in on time – **I will not accept late work.** All assignments are due at the beginning of class unless otherwise stated by me. If an assignment is not turned in on time it will result in a zero.

III. Virtual Expectations

- Check google classroom daily for assignments and announcements.
- Students must attend scheduled class Zoom meetings. Below is the current schedule:

| Pre-Calculus: 1 st , 3 rd , 4 th , and 6 th periods | | | | |
|---|--|--|--|---|
| Monday | Tuesday | Wednesday | Thursday | Friday |
| Independent or Video Lesson, RTI if needed | Zoom Meeting Link found in google classroom | Independent or Video Lesson, RTI if needed | Zoom Meeting Link found in google classroom | Office Hours – time for extra assistance or questions |

Schedule is subject to change.

- While online, make sure your surroundings are appropriate. You may use an appropriate screen background if you do not want to show your household. This also includes your dress. You must have the video on so I can see your engagement during the lesson along with any visual struggle cues. Microphone should be turned off until commenting during the lesson.
- Important to show all of your work on assignments. I encourage you to work together but the work should be your own. When taking a photo of your work, please check the photo to make sure I can read everything before submitting.
- If you are struggling or have an issue, please email me as soon as possible. I cannot help you if I don't know there is a problem. This not only includes when you are struggling with the work, but also if you are sick or have an emergency.

IV. TI-Nspire CX Calculators

We will be using TI-Nspire CX calculators. I **HIGHLY** recommend students have their own graphing calculators to familiarize themselves with this technology. If you do not have a graphing calculator, you may use the free online version of Desmos.

V. Grading

Semester grade: 40% First 9 weeks

40% Second 9 weeks

20% Final

Nine weeks grade: 50% Tests

30% Quizzes/Projects

20% Daily Formative Assessments (Flashbacks, homework, class work)

Grading scale: 90 -100 – A

80 - 89 – B

70 - 79 – C

60 - 69 – D

59 and below – F

Quarter Dates: Q1: August 26 – October 30

Q2: November 4 – January 15

Q3: January 19 – March 22

Q4: March 23 – June 1

I also reserve the right to make changes to the syllabus should the need arise. I am looking forward to a wonderful year.