

PreCalculus

Syllabus 2019-2020

The GBHS Vision

We believe student learning is the highest priority for our school and that clear goals and high expectations for student achievement should guide our curriculum and extracurricular activities. The learning environment must honor academic achievement, innovation, diversity, and personal expression in a safe, respectful and supportive manner. Our curriculum and personal example should foster strong personal values. A commitment to continuous improvement is imperative if our school is to keep pace with rapidly evolving technology and to continue to inspire our students to become confident, self-directed, life-long learners.

Textbook: Trigonometry; 9th ed.; Lial, Hornsby, Schneider - \$45.00
Precalculus with Limits; 7th ed.; Larson - \$150.00

Instructor: Mrs. Stephanie Duffy, e-mail duffys@santarosa.k12.fl.us, school 916-4100

Teacher website: <http://stephanieduffygbhs.weebly.com>

It is extremely important to become familiar with my website for this course.



Join Remind: Text _____ with message _____

Prerequisites: Alg II Honors 85+; Alg II 98 with a teacher recommendation. **(Required summer math packet)**

Materials: We will use two different textbooks, keep at home. Each day you should bring a 3-ring binder, paper, pencil, graphing calculator (TI-84+)

Topics to be covered:

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| 1. Right Triangles and Trigonometry | 5. Polynomial, Power, and Rational Functions |
| 2. Trigonometric Functions | 6. Exponential, Logistic, and Logarithmic Functions |
| 3. Applications of Trigonometry | 7. Systems and Matrices |
| 4. Analytic Trigonometry | 8. Discrete Mathematics |

Cell Phone Policy: Cell phones should **not** be out anytime during class, unless otherwise instructed. A locker to safely store your smartphone is provided and will be utilized. Your phone must be locked up on days we take quizzes and tests.

Homework: Completing homework each day is essential for your success in any math class. All assignments are posted ahead of time. To receive full credit on your homework, use pencil and show all necessary work. Ask questions when you experience trouble, chances are that you may see similar problems on upcoming tests. Homework assignments will be turned in as a packet on the day we test on that material. Random homework assignments will be picked up for accuracy.

In Class Quizzes: Both scheduled and unscheduled quizzes will be given periodically.

☺ The lowest Quiz and Homework grade will drop IF you have no more than 2 tardies at the end of each 9-weeks.

Notes: Notes are given daily and will be presented on the Smartboard cooperatively in class. After we go over the notes in class, another copy of the notes, one that contains the answers, will be available for you to view or print. This is especially helpful if you have been absent.

Tests: Be prepared for the tests and use your time during the test period efficiently. Material will build and expect cumulative type questions. Tests dates are pre-announced in the classroom and are also posted on my teacher website. If you cannot finish a test during the standard class time, you have the option to come for 20 minutes after school on the same day but **7 points will be deducted from your test score**. If you are absent for the test, and it is excused, you will be given a make-up test the day you return. Make-up tests cover that same material but will have different problems than the originally given test.

Make-up Work: You will have 3 days to make up work for an unplanned excused absence. If you are absent due to a school function or pre-planned trip, you are expected to get your work ahead of time and come to class with all assignments complete. You should be prepared to take any previous scheduled tests/quizzes. No late work will be accepted.

Extra Credit: Bonus points may be added to your tests if earned through the correct completion of your homework packet. Do not ask for individual extra credit points.

9-week grade: Grades will be updated daily, keep track of your progress through ClassLink.

Test/Project 60%	Quizzes 25%	Homework/Classwork/Participation 15%
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9-weeks exam and Mid-term: A cumulative test will be given each 9-weeks. It will cover all material from that current 9-weeks. After the first semester a mid-term exam will be given that will count 20% of your semester grade.

Extra Help: If you need tutoring, Mu Alpha Theta offers math help from 8:00-9:00 in room 308 on Tuesdays and Thursdays. Take advantage of this opportunity. Do not hesitate to let me know if you are struggling, additional times for help can be scheduled directly.

Teacher Expectations:

1. When the bell rings, be in you assigned seat with homework on your desk.
2. This is our time for Precal, make the most of our time together!
3. Always respect the rights, property and feelings of others in this class.
4. All school rules in the student handbook will be followed.
5. Cheating of any kind will not be tolerated, remember this is an honors class.

Student Expectations: As we begin a new school year, I hope you are starting out with a positive attitude and a desire to succeed in your classes. You should always expect the most of yourself. Your teachers and administrators are here to provide you with the best opportunities to make the most of your talents. Let's have a great year and reach higher in everything you do!