Honors Precalculus
Course Description & Expectations
Mrs. Cerreta ~ Room 419

"BE STUBBORN ABOUT YOUR GOALS AND FLEXIBLE ABOUT YOUR METHODS."
–UNKNOWN

Objectives: Students are expected to collaborate, reason mathematically, use vocabulary appropriately and reflect upon, critique & revise their work. Technology will be used throughout the course.

Course Description: The primary focus of this course is trigonometry. Associated topics, such as parametric equations, vectors, and polar coordinates are studied, as well as sequences and series. A review of exponential, logarithmic and rational functions will help prepare students continuing on to Calculus in the future.

Student proficiency of the following will be measured:

- **Create Mathematical Representations**
- **Simplify, Solve & Evaluate**
- **Analyze & Interpret**

Evaluation of student work: Students will be provided with many opportunities to practice and demonstrate their understanding of the course material. Student work will be evaluated and feedback will be provided. Not all student work will be used to determine a student's grade in the course. For example, classwork and homework are considered opportunities for students to practice, ask questions, make mistakes, get feedback and improve upon their understanding of the course material. Students will be provided with notice about any work that will be used to help determine their grade in the course. Please see the assessment evaluation document for details.

Information published in PowerSchool:

★ **DeltaMath Practice** → Student performance on DeltaMath assignments will be recorded in PowerSchool. Students are encouraged to revisit these assignments at any point throughout the term to assist in their assessment preparation efforts. This information is **not** used to determine a student's grade calculation.

★ **Graded Assessments** → The end-of-term grade will be calculated as follows:

○ Term Assessments	40%
○ End-of-Term Cumulative Assessment	30%
○ The higher of the Term Assessment average or the score on the End-of-Term Cumulative Assessment	30%

Grade for the year: Average of Terms 1 - 4 [88%] and Final Exam [12%]

Note: A student's transcript will **only** show the grade for the year. Senior report cards are sent to colleges Terms 1 & 2.

Text & Other Instructional Resources:

Textbook: Precalculus Enhanced with Graphing Utilities 4*th* Edition, Sullivan & Sullivan © 2005
Additional resources: Teacher prepared materials, DeltaMath, Desmos, Kutasoftware.com, MathisFun.com, Purplemath.com, CK-12.org and various other online resources.

Required & Recommended Supplies:

Please click here for a complete list of required and recommended supplies.

Support with material outside of our class time:

- ★ Mrs. Cerreta's Weekly Office Hours (to be held in Room 419) will be posted in Canvas.
- ★ **Math Lab**: This resource is staffed by teachers in the Wellesley High School Mathematics department.
- ★ **Small Study Group**: I recommend forming a small group of people with whom you work well.

Community Engagement: Please click here to be directed to our **Community Engagement Expectations** document**.**

Classwork: Classwork is assigned as an opportunity for students to explore new material, and complete practice problems that reinforce student understanding. Students are expected to ask clarifying questions of teachers and peers if they are having difficulty with the material.

Homework Philosophy & Expectations: Homework will be assigned each day our class meets. You should expect nightly homework to take 45-minutes or less to complete.

Please click here to be directed to the **Homework Philosophy & Expectations** document for this course.

Missed work: A student who has missed class is responsible for making up any missed classwork, homework and graded assessments. All information for each class is posted in Canvas. If you miss a class you are expected to first access Canvas and try to complete the agenda for the day. If you have any questions, please attend a Math Lab, email me with your question(s) or schedule a time to meet with me during Office Hours. If you have missed a graded assessment please email me (cerretak@wellesleyps.org) or speak with me in class to make arrangements to take the missed assessment as soon as possible.

Honor Code & Academic Integrity: Please read the **Honor Code** located on page 1 of the ***Student Handbook*** as well as the description of **Academic Integrity** located on pages 68 - 69 of the ***Student Handbook***. When submitting work be honest about the source(s) used to complete the assignment. Do not pass off the work of others as your own. Any incident of cheating will result in a grade of zero and a phone call home. Repeated incidents of cheating could result in a zero for the course. Don't jeopardize your integrity. Cheating, in any form, is NEVER worth it.