**EAGLES LANDING HIGH SCHOOL PRECALCULUS 2020**

**Teacher: Ashley Mitchell Room 422**

**Email:** **ashley.mitchell@henry.k12.ga.us**

**Remind: text @9d22h8 to 81010 or** [**https://www.remind.com/join/9d22h8**](https://www.remind.com/join/9d22h8)

**Office Hours: Respond to emails Monday - Friday 7:45 am to 8:15 am and 3:15 pm to 3:45 pm**

**Tutoring Hours: Monday and Tuesday 3:15 pm to 3:45 pm (more to possibly come on this)**

**Off hours: 12:10 to 1:40**

**School Website:** [**https://schoolwires.henry.k12.ga.us/Domain/7112**](https://schoolwires.henry.k12.ga.us/Domain/7112)

**Google Classroom**

**Period 1:** [**https://classroom.google.com/u/0/c/MTQxMDM1MjcwOTk4**](https://classroom.google.com/u/0/c/MTQxMDM1MjcwOTk4)

 **COURSE DESCRIPTION**

Pre-Calculus is a course designed to prepare students with the fundamental skills for Calculus. Students should be motivated and possess excellent study habits as well as a talent in mathematics to properly succeed. It is essential that each student works hard in order to fully understand and master all of the concepts presented. The textbook is utilized as a resource for homework/practice problems. The tests will be made to test the student’s understanding of the material and will not come directly from the text. Below you will find the general guideline for the course. The time allotted for each topic is approximate only. Students will be encouraged to communicate to us which standards they are having trouble with.

**TOPIC TIME**

Introduction to Trigonometry (Unit 1) 2.5 weeks

Trigonometric Functions (Unit 2) 3 weeks

Trigonometry of General Triangles (Unit 3) 1.5 weeks

Trigonometric Identities (Unit 4) 3 weeks

Matrices (Unit 5) 1.5 weeks

Conics (Unit 6) 1.5 weeks

Vectors (Unit 7) 2 weeks

Probability (Unit 8) 1.5 weeks

This is the rough plan for the semester, we are following the Henry County progressions. Things may change as we see fit.

TEXTBOOK: Wiley PreCalculus Textbooks. The online textbook will be available for you to reference. If you would like a physical copy of the book, please contact Assistant Principal Lydia Williams. Lydia.williams@Henry.k12.ga.us

**Classwork & Assignments**

We will give quizzes, assignments and tests to help ensure that students are mastering the standards contained in Precalculus.  We will do a variety of activities in Pre-Calculus that are designed to help students with multiple aspects of mathematics.  We will work individually with students, in small groups, and every day they will be helping each other achieve success.

**Attitude**

Having a good attitude and being willing to “try out” problems is probably the most important characteristic of a successful mathematics student.  The teacher is there for the students to help them in any possible way. We need the students to take advantage of what the course precalculus offers them, and to be willing to cooperate and work with their peers and the teacher.

**MATERIALS**

Each student will need a notebook/paper, supply of pencils, and Chromebook

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**ATTENDANCE**

Students need to participate in the daily activity of the classroom in order to properly succeed; therefore, it is VERY important to be in class every day. After an absence, each student will be responsible for getting any work missed when he/she returns.

VIRTUAL LEARNING: Although we are not physically in the building, You are expected to be in class (google meet/test/etc) each day during your class time. I will be giving lessons, notes, assignments every day as if we were in the building.

**CLASS RULES**

 1) Bring math notebook/paper, pencil, every day.

 2) Keep the classroom and desks clean. (Pick up trash around you)

 3) Respect is an absolute must: --no interfering with learning or teaching

 --no profanity or verbal abuse

 --no rude or inappropriate comments

Note: More serious problems such as fighting, threatening behavior, and defiance will result in immediate referral to the office.

**NOTEBOOK**

Each student is encouraged to keep a notebook containing all notes and examples from class in an orderly fashion. This helps with organization of work and makes reviewing/studying easier. It is not a requirement, I just suggest it to be organized and get the best possible results.

**HOMEWORK**

Homework will be assigned on a regular basis and should be worked on **NIGHTLY** and is expected to be 100% completed with sufficient work shown. Assignments will be assessed in a variety of ways. The student is responsible for making up work missed due to absences as laid out by the county handbook. **NO LATE WORK ACCEPTED.**

**EXTRA HELP**

I will be glad to assist any student with questions or problems before school or after school on Monday and Wednesday. If you need extra assistance you can always email or remind message me and I will help. If you have any questions or comments at any time, please feel free to contact me anytime..

GRADING: Practice Work/Homework: 40% Formative/Summative Assessments: 40%

Final Exam: 20%