**Hazelwood East High School (314) 953-5600**



#### Course Titles: Geometry

#### Teacher: Mr. Sokora

#### Google Voice: 314-282-5498

#### Email: jsokora@hazelwoodschools.org

**Mission Statement**

**In a culture of high expectations and excellence, our students will become lifelong learners equipped with 21st Century skills for success as global citizens.**

**NECESSARY MATERIALS FOR THIS CLASS:**

* Pencils with eraser(s) or Pens
* Lined notebook paper (either loose leaf or in a spiral notebook)
* One Binder – at least 1” (one inch)
* Chromebook

**ATTENDANCE**

* Get to class on time. Easy way to do that: Plan to be here at least one minute early. You need to be in class when the bell rings.
* Tardies:
* 1st verbal warning
* 2nd written warning & phone call home
* 3rd referral
* Excessive absences: administration is monitoring attendance and teachers are required to inform parents when students are absent.
* When you are absent, you can find the work you missed in Google Classroom

# GRADES

|  |  |  |
| --- | --- | --- |
| **Participation** | **Classwork/Homework (30%)** | **Tests/Quizzes/Projects (70%)** |
| Be prepared and respectful | HW is to watch videos. | Quiz or Test every few weeks |
| Follow the rules of the classroom | HW quiz most days | Quizes at least once per week.  Tests will be at the end of Learning Units |
| Volunteer/Engage in the Class | CW – graded for accuracy |  |
|  | SHOW ALL WORK!!!! |  |

# CLASSWORK ASSIGNMENTS

* The due date is the beginning of the next class period after the work was assigned. The deadline for accepting work is the beginning of class on the day of the assessment that covers that material. Students must provide a drawing and show work to receive credit.
* You are responsible for finding out what the assignment is when you are absent.

# EXTRA CREDIT

Extra Credit will be offered to students who have completed all the regular course work to date on an individual basis.

# TEXTBOOKS

* There is an e-textbook in ConnectEd at the top right of the home screen. You will be shown in class how to access and navigate the E-textbook.

# HALL PASSES

* Check in with the teacher before leaving the classroom. You must get a Hall Pass from teacher.
* You will need to return to class in a timely manner. If you take too long, the teacher may refer you to your grade-level principal for truancy.
* Only one person is to be out of the classroom at a time.
* Try to use the restroom/get a snack/drink or whatever between classes.

**LATE WORK/RE-TAKES**

This class will follow the procedures put forth in the Hazelwood Student Handbook.

**PAGE 18 OF THE HANDBOOK:**

RETAKE “NOT YET” GRADING PROCEDURES ● All students will be given an opportunity for one attempt per assessment to retake an assessment to improve their percentage. This does not apply to mid-semester, finals and tests that are graded outside the district. ● Any student requesting to retake an assessment must arrange with the teacher and attend help session(s) before, during, or after school for middle/high school or get extra support from the teacher in elementary school. (This will ensure that the necessary support is provided prior to retaking the assessment). ● All assessment retakes must be completed prior to the next assessment. \*An Individual Educational Plan (IEP) or 504 plan may supersede this guideline. ● The student’s final grade on that assessment will be the higher of the two grades.

# CLASSROOM RULES

|  |  |  |
| --- | --- | --- |
| **Respect Ourselves** | **Respect Each Other** | **Respect This School** |
| * Stay on task at all times | * Raise your hand to speak & Listen to others | * Follow all school rules at all times |
| * Don’t give up on yourself! | * Take turns speaking (no shouting out) |  |
| * Be responsible for your own learning | * No bullying/disrespectful /hurtful comments |  |
|  | * Listen to others |  |

**AP PRE-CALCULUS/MATH 1030 SYLLABUS 2023-24**

**Hazelwood School District**

**John Sokora, jsokora@hazelwoodschools.org**

**Phone 314-282-5498**

**Course Description:**

AP Pre-Calculus introduces students to the major concepts and tools needed to study Calculus. The AP course will be a rigorous course, preparing all of its students to take the AP Pre-Calculus exam at the end of the school year and then Advanced Placement Calculus or Statistics the following year. It will be taught at a faster pace to further challenge a student who has mastered all of the advanced algebra concepts.

You also have the option to get dual credit (called Advanced Credit Program) from UMSL for College Algebra (MATH 1030). The cost for the 3 credit hour course is $210. Registration runs from 8/21 – 9/13 but you won’t be billed until Nov(ish). You will need a parent approval & admin approval (Sokora will make this happen) along with a 3.0 or higher GPA. [www.umsl.edu/acp](http://www.umsl.edu/acp)

**Course Expectations**:

Students will be expected to bring a notebook/binder and their textbook to class every day. At the beginning of the year, students will set up an account on the AP College Board website, where they can access the online AP material. Completing assignments, attending class daily, and seeking help when needed are essential components of successfully mastering the rigorous content of AP Pre-Calculus and to be successful on the AP exam. The AP exam will include 40 multiple choice questions and 4 free-response questions which require writing and organizing your thoughts in a cohesive manner. Some parts allow calculators and some parts do not.

**Calculators:**

A graphing calculator is extremely helpful for the course. We strongly recommend one in the Texas Instruments TI-84+ family. When we are at school, a class set will be provided, but it would be more beneficial for each student to have their own if at all possible. Some tests and assignments will allow a calculator, others will not, and some will be a combination of the two.

**Course Activities/Assignments/Projects/Assessments:**

In-class assignments and homework will be given almost every day, and students will be expected to show their work. These assignments will be checked each class period, students will receive a grade, and time will be taken for questions. If students are absent, it is important for them to get notes posted on Google Classroom before they return so they do not fall behind. A comprehensive final exam is required at the end of each semester. Other formative and summative assessments, such as quizzes, observations, classroom assignments, projects, and participation, will occur periodically throughout each semester.

**Grading Scale:**

90 – 100 A

80 – 89 B

70 – 79 C

60 – 69 D

Below 60 F

**Grade Components:**

Each semester grade is based on the following percentages:

Homework, In-Class Assignments: 30%

Tests, Projects, Quizzes: 70%

**Academic Honesty**

When one takes credit for another’s work or uses unauthorized assistance (this includes calculators, cell phone apps, internet sites, or another student, OR being the person who provides assistance), it is cheating. This applies to quizzes, tests, projects, and assignments. It is expected that students are doing their own work at all times in this class.

**Expectations and Procedures:**

1. Be respectful of each other and follow all district and school rules.
2. Be on time whether we are online or in person. When in person, the “two feet in the door” and district tardy policy will be followed.
3. Come prepared with all materials.
4. Because electronic devices such as cell phones and iPods have the capacity to store formulas, access help, and share test questions and answers with friends, I collect all phones during any testing situation. Students will label them with their names, and put them in a box under teacher supervision. They will be passed back out to the student by the teacher. Thank you for helping me to make sure students understand the importance of this rule.
5. It is acceptable and encouraged for students to work together to help one another.  This does not mean copying answers.
6. Show your work in a manner similar to that shown in examples in class.  Assignments with no work shown will not earn any points. For work to earn points, all assigned problems must be attempted.  If you cannot complete a problem or problems, you need to write down what you know, what you have tried, and questions you will ask in class.
7. **DO YOUR BEST!**

**Topics Covered:**

* Polynomial & Rational Functions
* Exponential and Logarithmic Functions
* Trigonometric & Polar Functions
* Parametric Functions
* Vectors & Matrices

**Codes:** 6th hour, GC: \_\_\_\_\_\_\_\_\_\_\_\_ AP Central (College Board): \_\_\_\_\_\_\_\_\_\_\_\_

**AP Pre-Calculus is full of fascinating mathematics.**

**Your active participation is essential for success.**

**I am looking forward to a great year!**

**\*AP EXAM DATE: Monday May 13, 2024 12:00 PM\***