

Math Teacher

/maTH tē-CHer/(n)

- a person who: most likely will not ruin your life, but might just make you stronger.

Honors Pre-Calculus Syllabus

Outline of Curriculum:

Appendix A: Fundamental Algebra Skills Review

Ch 1: Functions and Their Graphs

Ch 2: Polynomial and Rational Functions

Ch 3: Exponential and Logarithmic Functions

Common Unit Assessment #1

Ch 4: Trigonometry

Ch 5: Analytic Trigonometry

Ch 6: Additional Topics of Trigonometry

Ch 7: Systems of Equations/Partial Fractions

Chapter 10: Topics in Analytic Geometry

Common Unit Assessment #2

MATERIALS NEEDED FOR THIS CLASS:

- TI-84 Calculator-Calculators will be used for APPLICATION, not computation.
- Class notes- Created by the teacher and will be distributed at the beginning of each chapter.
- Notebook-To complete daily warm-up problems and homework assignments.

CELL PHONES

The purpose of the cell phone policy is to eliminate distractions during instruction and to maintain test security. It is not only school district policy, but it is also part of my classroom rules. A storage unit for your cell phone has been provided as you enter the room. You will be assigned a number based upon your seat and you cell phone/ipod **MUST** be placed in the storage unit upon entering the classroom each day. I will periodically check the storage unit for a homework check grade. *If you fail to comply, you will be sent to the assistant principal during class time.*

GRADING SCALE:

90% – 100% **A**
80% - 89% **B**
70% - 79% **C**
60% - 69% **D**
59% ↓ **E**

CALCULATION OF GRADE:

$$\frac{\text{Your Total Points}}{\text{Total Possible Points}} \times 100 = \text{Percentage}$$

*All grades of 0.5 to 0.9 will round up to the nearest whole percentage.

Final Course Grades are determined by **TOTAL POINTS!

*****THERE WILL BE NO EXTRA CREDIT OR “GIFTS” GIVEN AT THE END OF THE YEAR!**
An 89.4% will be an 89% B. (This is because you have had the opportunity for bonus points by simply completing your homework.)

WEEKLY WARM-UP QUIZ (5 points)

Monday-Thursday, during the first 6 minutes of class, you will be given 10 warm-up problems to complete. Throughout the week, the topics will remain the same, the problems will change. On Friday, a quiz of 5 problems similar to those practiced during the week will be administered and completed within 4 minutes.

SYLLABUS IS AVAILABLE ON HPC WEBSITE FOR REFERENCE

HOMEWORK

It is assigned daily & will be checked periodically for 3 POINTS.

- HOMEWORK QUIZ (3 points checked for accuracy)
 - 5/5 = 4 points 3/5 = 3 points 1/5 = 1 point
 - 4/5 = 3 points 2/5 = 2 points 0/5 = 0 points
- HOMEWORK CHECK
 - In order to receive full credit (3 pts), ALL problems must be attempted and ALL WORK must be shown on paper.
 - Partial credit will be assigned proportionally by the percentage of the assignment that has been completed.

NINE WEEK EXTRA CREDIT

****At the end of EACH grading period, BONUS points will be awarded as follows for***

HOMEWORK CHECK ASSIGNMENTS:

ALL homework grades of 3 points-receive 1.5% bonus.

Missing points on only one homework assignment-receive 1% bonus.

Missing points on only two homework assignments-receive 0.5% bonus.

Missing points on 3 or more assignments-not eligible for bonus.

The completion of your homework on a daily basis provides you with opportunity to increase your FINAL GRADE by 1.5%.

Assessments/Projects

Test/Quiz: (20-50 points) Assessments given on 1-5 sections of material.

Cumulative Assessment Exams:

CUA 1: (50 points) Chapters A, 1, 2, 3

CUA 2: (100 points) Chapters 4, 5, 6, 7, 10

March Madness Statistics Project (60 points)

MISSING CLASS/MAKE UP ASSIGNMENTS:

- **Homework:** Homework will not be accepted late unless the student was absent the day it was due. Homework assignments are due WITHIN 2 DAYS after the student returns to class. **It is the student's responsibility turn in the missing homework to the teacher.** The teacher will NOT ask the student for the missing assignment.
- **Missed Notes:** It is the student's responsibility to get missed notes from a reliable peer.
- **Missed Tests:** All tests will be made-up with a teacher present to proctor to maintain test security. Therefore, you will need to come in before school (6:45 am) or during a non-teaching period to make-up your tests. I am not available after school. ***Simply missing the day of review prior to the test will NOT excuse the student from taking the test on the scheduled day.***
- **Missed Warm-up Quizzes:** ***You have ONE WEEK to make up a warm-up quiz. After a week, it will become a zero.***

EXTRA HELP/COMMUNICAITON WITH ME

- Period Zero (6:50 AM-7:20 AM)
 - I expect **juniors** in high school to realize when extra help is necessary. I am available BEFORE SCHOOL for additional help/review sessions.
- Online Student Support (HPC website)

Parents Signature: _____

Date: _____

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