

Math 4
Southeastern High School
2015-2016

Teacher:

Mrs. Debra Hurt

Equipment:

- Graphing calculator - required (TI83 or TI84)
- Supply of #2 pencils
- Supply of 3-hole punched lined paper
- Supply of 3-inch graph paper (3-hole punched)
- Binder or folder and notebook
- Brain - preferably on and ready to work - this equipment is not optional

Expectations:

- Come to class prepared (pencils, paper, calculator, assignment read, homework completed, etc.)
- Respect others and their property
- Respect school property (use furniture, books, etc. properly, i.e. all four legs of chairs on floor, no feet on desk, etc.)
- No eating, drinking, or gum chewing in class
- Ask questions!!! (If you need help, ask!)
- Criticize arguments, not people (for example, I disagree with your answer because when I tried it I got a different answer. is acceptable. You're wrong, you must be dumb, is unacceptable)
- Participate - Mathematics is not a spectator sport!

In this course you will learn:

- To analyze the behavior of various classes of functions (linear, polynomial, exponential, logarithmic, & trigonometric)
- To represent functions graphically, numerically, and symbolically
- The relationship between polynomials and integers
- To use complex numbers and polar coordinates
- To recognize graphs and functions of conic sections
- The basics of limits and derivatives

Grades are based on:

- Unit tests - 2 or 3 per quarter
- Quizzes - 4-6 per quarter
- Homework – daily
- Daily Preparation & Participation (reading, writing correctly completed, attendance, contributing to classroom discussions, work ethic, etc.)

Make-up and Late work:

- Excused absences - when you miss class because of an excused absence you may make up any work missed with no penalty. You have the same number of class periods to make up the work as the number of class periods you missed. However, if an assignment was due on the day you missed, you must turn that assignment in when you return to get full credit. It is your responsibility to get the assignment(s) you missed. You should also make arrangements to get notes from another student in the class.
- Unexcused absences will result in a zero for any assignment missed - this includes quizzes, tests, and homework.
- All assignments are due in class. Any assignment turned in after class is considered late. Late work is subject to a 20% per day loss of credit. No assignments will be accepted that are more than 5 days late!

Tardies:

- You are considered tardy if you are not in your seat ready to work when the bell rings.

Extra Credit:

- Student often ask about doing extra credit. It is not my policy to assign extra credit. There are enough opportunities for you to earn your grade in the course. Focus on the work assigned.

Communication:

- My e-mail address is dhurt@southeastern337.com. Feel free to contact me at any time regarding your child's progress.
- I will be sending e-mails periodically to alert parents of test and quiz dates. If you would like to receive these alerts, please include your e-mail below.

I have read and understand the information in this syllabus.

Student Signature

Date

Parent/Guardian Signature

Date

Parent's e-mail address