

Advanced Algebra

Mr. Minogue

2013 - 2014 School year

Welcome to the 2013 - 2014 school year. In this class you will learn how to apply math to solve problems and hopefully develop a better understanding of mathematical principles. This syllabus gives you a guideline of my goals and expectations for this class this year.

Goals:

- Develop the ability to think mathematically
- Develop mathematical reasoning skills
- To understand and appreciate mathematics
- Improve your ability to **read** and **communicate** mathematical concepts.
- Improve your ability to problem solve

Expectations:

- Be on time and prepared. Prepared includes pencil, paper, book and calculator. If you are late to class you must have a pass.
- **Respect** for classmates, teacher and equipment. This means when we have class time to work, you must work quietly - not silently, but quietly. When we are in groups, again work quietly and cooperatively. No writing on desks, leaving a mess, throwing things, etc.
- No inappropriate language, and this is based on my definition of inappropriate.
- Cheating / copying will result in a zero for that assignment or test and an interaction will be sent to the office. Accomplices **may** receive a zero as well. This means you will lose project reward in **all** your classes as well.
- In order to use the hall pass you must sign out and take the pass with you.

Consequences:

- Tardies will be handled according to the handbook- 4th tardy is an interaction.
- Most issues will be handled as follows
 - Warning
 - Stay after to discuss the issue
 - Lunch detention/ call home
 - Interaction/ call home
- Based on the severity and frequency of the issue any of these may be a consequence.

Grading Policy:

Ranges:

A	90 – 100
B	80 – 90
C	70 – 80
D	65 - 70
F	Below 65

The cut off for an A is a 90% not an 89.9%. This policy holds true for all the other grades as well.

Homework: 30 %

- Homework consists of daily work, worksheets, warm-ups, problem solving problems, and lab write-ups. Homework is graded based upon completion and work shown. If no work is shown no credit will be given. If you are absent the day we turn in homework it will be due the day you get back. This means athletes and pre-arranged absences are due the day you get back. No late work will be accepted.

Quizzes and Tests 70%

Quizzes:

- Quizzes can be announced or unannounced quizzes. They are designed to check for understanding of the new material. We will have at least one quiz per week

Tests:

- Tests will usually cover a full chapter and are comprehensive. This means that some of what was covered on the chapter 1 test will also be covered on chapter 2 test and so on. Tests will be announced in advance so if you miss the day of the test you will need to take it the day you get back unless previous arrangements have been made. All missed tests or quizzes must be made up within one week or it will turn to a zero. Chronic absences on test day will be dealt with on an individual basis.

The semester grade is based on 40% from 1st quarter and 60% from 2nd quarter. The reasoning behind this is that the 2nd quarter contains the semester final. I also want to see improvement.

Supplies:

Notebook
Pencils
Graphing Calculator

Paper
Graph Paper
Textbook

The calculator I will be using in class is the TI-84 plus. I highly recommend either this calculator or the TI NSpire. If you want more, then look at the TI-89, but realize that this calculator is not as user friendly but it definitely does more. If you purchase a different brand then I can help a little but I am not familiar with all brands.

Tutoring:

If you find you need some extra help on a topic or just a problem I am available before school, after school and usually during lunch. You are free to stop in whenever I am in my room. Don't wait until test day to come in for help. The sooner you get caught up the better off you will be when it comes to test day.

Resources:

- I am also working on having recorded lectures available so when you are at home and stuck you can access the lecture for that topic. You will access these through powerschool.
- www.khanacademy.com and Youtube.com has recorded lectures on a wide variety of topics.
- My.hrw.com is the website for your textbook. At this site you will find the online text, and a variety of other resources. You will be given a username and password to access this site.