

ADVANCED ALGEBRA (ALGEBRA 2) 2013-2014

Contact information for Erin Mahony

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Course Goals: This class is designed to help prepare students for advanced math courses.

- ❖ We will learn appropriate problem solving techniques.
- ❖ We will explore exponential, power, and logarithmic functions.
- ❖ We will investigate quadratic and other polynomial functions.
- ❖ We will explore probability and statistics.
- ❖ We will learn trigonometric functions and their applications.
- ❖ We will explore how algebra is applied in the world outside of school.

<u>Classroom Expectations:</u> <ul style="list-style-type: none">❖ Be Respectful<ul style="list-style-type: none">➤ Listen when others talk➤ Use appropriate language➤ Keep inappropriate technology put away❖ Be Responsible<ul style="list-style-type: none">➤ Complete class work with your best effort➤ Turn in assignments on time➤ Accept responsibility for your choices❖ Be Resourceful<ul style="list-style-type: none">➤ Utilize all possible resources➤ Ask questions➤ Find your own answers	<u>Grading:</u> <ul style="list-style-type: none">➤ Formal Assessments 100% <u>Practice For Proficiency:</u> <ul style="list-style-type: none">• Homework, Stick Quizzes• Allows for reworking of missed problems to learn targets before tests <u>Formal Assessments - Proficiency:</u> <ul style="list-style-type: none">• Commonly called tests• Target specific• Homework completion required to retake
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Formal Assessment:

Grades in this class are based on assessments only. Assessments are by proficiency so if your student receives a score they are not happy with on a learning target they are welcome to retake that target provided they have completed the assignment/s prior to the assessment. Each learning target is assessed and scored on the 5 point scale below. **No extra credit will be assigned.**

5 Exemplary	4 Proficient	3 Nearly Proficient	2 Emerging	1 Beginning
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Students may retake up to 10 targets during semester 1 and up to 5 targets during semester 2.

This change is because we are working to transition students to advanced math classes where retakes are no longer an option.

Retake Policy:

100% of homework assignments must be completed before the day of the proficiency to be **eligible** for a retake opportunity. In order to ensure improvement, students must complete selected practice problems tailored to learning targets. Once the practice problems have been accurately completed a student has **earned** a retake opportunity.

Homework:

Homework will be given daily and marked in the grade book based on completion. This will be entered as “not for a grade.”

Stick Quizzes:

Stick quizzes are given daily for students to see how they are progressing towards proficiency. These are not graded but students receive feedback so additional help can be obtained if needed/desired.

Integrity Policy:

All work submitted should be by the student. Plagiarism will absolutely not be tolerated in any form including copying another student’s homework. Remember that collaboration is different from copying! The consequence for cheating or copying another student’s work is that you have to do the assessment honestly and the principal will assign an appropriate behavioral consequence.

Arranged Absences:

If you are unable to attend class and know ahead of time, please check in with me. If you arrive late to class, please take your seat and try to avoid disrupting class. I will get you up to speed as soon as possible. Notes and assignments are posted at <http://mahonymath.weebly.com/> for your convenience. **You will be held responsible for material taught in class regardless of your attendance.** Make sure to act responsibly when absent from class for any reason!

Posted Grades:

Your grade as calculated by the computer will be posted regularly online. Should you have any concerns or questions, please feel free to ask me. **It is important that you regularly check your grade for accuracy and questions or concerns PRIOR to the end of the semester.** Retakes will have a note with them so you can tell the difference between old/new scores.

Grading for This Class:

A	90%-100%
B	80%-89.99%
C	70%-79.99%
D	60%-69.99%
F	59.99% or below

Grade Intervention Plan:

If you or your parent(s) are unhappy with the grade you have achieved at any time during the term, please feel free to contact me. I am happy to sit down with you to develop a plan for how you can raise your grade through proof of proficiency. Please do not wait until the end of the semester if there is a concern regarding your grades. Often times waiting until the end means waiting too long when nothing can be done. Let’s work together to make sure you are successful!

If student needs additional math help, after school tutoring will be available with the activity bus available as a ride home.

Needed Supplies:

Students will need a graphing calculator (TI-83, TI-83+, TI-84, TI-84+), highlighter, pencils, & paper. Please make sure your student has these supplies by the end of the second week of class.

Basic Summary (PLEASE READ!!!):

1. Class work and homework are assigned daily and reported online.
2. Grades are posted regularly online. Please check often and communicate with questions!
3. Grading is based on assessments only.
4. 100% homework completion required to retake.
5. Homework is for practice, not points and there will be **no opportunities for extra credit.**
6. Students may retake up to 10 targets during semester 1 and up to 5 targets during semester 2.
7. Notes and assignments can be found at <http://mahonymath.weebly.com/>
8. Students need class supplies by the end of the second week.

Please complete the following information:

<i>Student Name/Class Period</i>	Student Signature
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Parent/Guardian Name	Parent/Guardian Signature
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E-mail Address: _____ Phone Number: _____

Best Way/Time to Contact You: _____