



Course Title: Advanced Algebra

Instructor: Mrs. Abigail Dunphy

Email: adunphy@scottsdaleprep.org

Blog: adunphymath.weebly.com

Course Description

The focus of this year-long course is to study the Algebra 2 text. The material covered this year includes a mixture of advanced Algebra 1 and Algebra 2 topics such as

- Equations
- Systems of equations
- Absolute value
- Distance/rate and time
- Linear graphs and functions
- Factoring quadratics
- Quadratic graphs and functions
- Completing the square
- Quadratic formula to solve equations
- Logarithms

Expectations

- ❖ All homework/quizzes/tests **MUST** be done in PENCIL. Notes may be taken in pencil or INK!
- ❖ Bring your math textbook to class EVERY DAY.
- ❖ Bring your math binder EVERY DAY for taking notes.
- ❖ There should be no talking, note passing or goofing around during lessons. Focus on the instructor.
- ❖ Always look like you are having fun and feel free to laugh at the teacher's jokes! 😊

Materials

Students are responsible for bringing the following materials to class **EVERY DAY**:

- Text book
- Pencils- mechanical pencils are highly preferred. Sharpening pencils in class will be limited.
- Binder with loose leaf or graph paper (used for notes and classwork).
- Graph paper (used for homework); You may choose to use a notebook to keep homework in one place.

Absence/Tardiness

- Regular attendance is obviously extremely important. I cannot re-teach lessons that you missed.
- When a student is absent they will have **one** day for every day absent to make up the work. It is the STUDENT'S RESPONSIBILITY to make up all homework, notes, quizzes, or tests that are missed! (I will NOT remind students to turn in missed homework. If you are sick please check the blog for the assignment.) If you are out sick for over 3 days or more, see me for a homework progress plan.
- Students who are not in their seats when the bell rings (except by teacher authorization) are tardy.
- **3 tardies = 1 detention**

Homework

- Homework will be assigned almost every night including Fridays. Each assignment is worth 10 points.
- Homework is due at the beginning of the class period from the prior school day.
- It is YOUR responsibility to check your answers ahead of time and come to class with very specific questions. I will do my best to provide any answers not in the back of the textbook.
- Homework problems are to be **copied** out of the book and written onto **graph paper**. There will occasionally be time allotted in class to do homework and it is **MANDATORY** to do this work while in class. You may not talk “socially” in class instead of doing your homework. (Academic collaboration is welcome!)
- Leave all homework assignments in your graph paper notebook. There is no need to remove individual pages. You may turn in your entire notebook when I check review assignments on test days.

Grading Policy

- ✓ Tests, quizzes, and homework assignments are graded on a standard 100% scale.
- ✓ Work completed in INK will receive half credit. (This does not apply to note taking.)
- ✓ Homework will receive full credit if each problem *is attempted* and **all work is shown** on the paper.
- ✓ Partially completed homework will receive a partial score.
- ✓ Your math journal is a large portion of your participation grade. Always take notes.
- ✓ **Cheating/plagiarizing** is obviously **forbidden** and will be addressed with the Dean of Students.

The grading scale is as follows:

Course	Participation	Homework	Quizzes	Tests
Advanced Algebra	10%	15%	20%	55%
Description	-Daily note taking/organization -Active in-class participation -Signed test by parent/guardian	-Each assignment is worth 5 pts. -Partial completion is worth the percentage completed.	-Scored based on the points completed.	-Scored based on the points completed. -Some tests may have corrections as an option. Varies on test complexity.

Class Culture

All students are expected to treat the teacher, the daily lesson, and class peers with respect and hospitality while fostering an academic environment. Any and all deviations from this culture will be addressed immediately with detention as the most likely outcome.

Tutoring Times

I will be available for tutoring at the following times: **Monday through Friday, Room 211, 7th/8th Lyceum**

Tutoring before and after school is by appointment only**

Tutoring is for specific questions-NOT getting help with **every** homework problem. ☺

**Emailing me the night before you wish to meet does not count as making an appointment since I normally do not check my work email between 4 pm and 8 am.

Dear Parents/Guardians,

Please take the time to read this syllabus with your student, so that you both may understand the expectations and requirements for this class. After reading the syllabus, please sign below to indicate that you have read and understand this information, tear off this page, and return to your student. Your student's first assignment will be to return this page, with your signature, to me by **Thursday, August 9th**.

Please feel free to contact me at any time throughout the semester with any questions or concerns.

Sincerely,

Mrs. Abigail Dunphy

adunphy@scottsdaleprep.org

BLOG: adunphymath.weebly.com

Student name: _____

Student signature: _____

Parent name: _____

Parent signature: _____

Preferred daytime phone: _____

Preferred email: _____

Please write any questions or comments below.