

# Course Information — Advanced Algebra 1

## Instructor - Mr. Busch

### Course Description

This introductory course in Algebra will provide students with a foundation for further mathematical studies. We'll have an exciting time exploring the core ideas of math, from solving abstract equations to searching for patterns in the world around us.

We are going to have so much fun together this year! Advanced Algebra is probably the best math class ever. I know you may be skeptical now, but give me 3.14159 weeks.

### Classroom Expectations

I expect students to be familiar with the student handbook. I will enforce it to the letter. My classroom expectations boil down quite nicely.

- Respect other people, their property and classroom equipment
- Timeliness is expected
- Students should bring all needed materials with them to class (i.e. book, 3-ring binder, writing utensil, paper, glasses, etc.)
- No food or drink in the classroom because of the carpet and the mice (water is allowed)

### What You Will Need

- A scientific calculator (a [TI-84 Plus graphing calculator](#) is preferred ~\$100).
- A graphing calculator is suggested but is NOT required for this course.
- 3-ring binder (1 ½ inch) and paper dedicated to this class ONLY (you will be handing your notes and homework in every chapter.)
- Graph Paper
- Pencil
- Ruler

### Marking Period Grade

80% Tests / Quizzes

20% Homework

### Semester Grade

40% Marking Period 1

40% Marking Period 2

20% Semester Exam (we'll see)

## **Tests/Quizzes and Homework Policies—Advanced Algebra 1**

### **Tests and Quizzes**

- You may use one 3x5 notecard on tests unless otherwise notified. No notes may be used on quizzes.
- Absences the day before a test does not excuse you from being required to take the test on test day.
- You may make up the test:
  - i. during study hall,
  - ii. during the next class period, or
  - iii. you may come in on your own time (during lunch or after school).

### **Homework**

- All work must be shown to receive credit—both for completion *and* correctness assignments.
- Name, section number, and assigned problems must be at the top of your paper.
- Math notebooks will be collected with every assessment (quizzes and tests).
  - **Late notebooks:** Because we hand in the homework all at once, this generally isn't an issue. However, if for some reason you don't hand in your notebook on time, you will lose 10% every day it is late (that's bad). And I'll call your parents if you're more than one day late (that's worse for most of you).
  - **Absent work:** Any handouts given during your absence will be located on the classroom schoology page. If you were absent, check the website.

### **Notes**

- Notes will be taken every day and, together, will count as a homework grade every chapter.
- Section number and/or goal must be listed for each day
- You are responsible for any notes you miss (this includes absences for sports or illness). If you need help finding someone to get notes from, please let me know. I'm sure we can figure something out together.

### **Suggested Binder Tabs**

- Learning Targets (This will include all of your learning target checklists for the semester)
- Notes (Could be combined as one "Notes" tab)
- Current Work (All work done during the current unit)
- Previous Work (This will begin filling after unit 1)

- Assessments