

Algebra and Geometry
Bard High School Early College
02/2007 – 06/2007

Instructor: Dr. Jane Budimir

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Office: Rm. 413 (Math Dept.)

Office Hours: Mon, Wed, Thurs, Fri - Periods 3,4
Otherwise, by Appointment

Course Description and Requirements

Text: *Basic Mathematics* by Serge Lang (publisher: Springer)

Course Description: This course will cover basics of algebra and geometry. Specific topics include: basic algebra review, linear equations, inequalities, geometrical thinking and problem-solving, logic, sets and basics of probability. In the context of the above, students will learn how to construct proofs and will come to understand the importance of theorem/proof construction in mathematics. Sources other than the Lang text will be used as supplementary material in many of the above topics, with xeroxed pages distributed to the class.

Homework: Homework will be assigned and collected TWICE WEEKLY. Homework is due no later than 1 week after it is assigned. If homework is turned in late, it will count against your grade. Students having difficulty with the homework are responsible for seeking the help of the instructor during office or tutoring hours.

Quizzes: There will be several (approximately 2 per month) short quizzes given during the term. Quizzes may not be made up. Quizzes will be announced a week prior.

Exams: There will be at least two midterm exams and one final exam. Exam dates will be announced at least a week prior to the exam.

Grading: The final grade for the course will be based on the final exam (20%), midterms (25%), quizzes (25%), homework (15%) and attendance/participation(15%).

The Learning Center: The Learning Center is now in the Library. It is there for additional help and students should get in the habit of using it.

My Office Hours: My office hours are posted at the top of this sheet. You can feel free to drop in at any time, however I will honor those who prearrange a time with me.

Tutoring: I will have regular group tutoring sessions twice weekly - on Mondays and Thursdays after school. I keep logs of student participation in group tutoring and office-hour tutoring. In addition, I receive tutoring logs from the Learning Center. Students who are having difficulty with course material must attend tutoring on a regular basis.

Class Participation: *Class participation counts toward your grade!*

If you are a regular contributor to the class discussion, you will be given a high mark for class participation.

If you do not pay attention or are a regular cause of class disturbances, this will be counted against you in class participation.

Lateness: All quizzes and/or exams are given at the start of class. You will not be given extra time to complete the exam/quiz if you arrive late.

Absences:

If you are absent for a midterm and/or final exam:

Missed tests must be made up within 2 school days of THE DAY YOU RETURN TO CLASS.

If you are absent on any day:

YOU ARE RESPONSIBLE to get all notes, worksheets and homework assignments.

Academic Integrity:

Review the BHSEC policy on academic integrity in the student handbook.

General Rules and Expectations:

- I expect every student to keep well-organized notes, homeworks and class handouts.
- If your assignments are sloppy and/or illegible, it will count against your grade.
- I will not allow any student to go to their locker during class to get work needed for class that day. I expect you to prepare ahead of time.
- Calculators will not be used on any quiz, midterm or exam. You may use them on homework, but it is better to get into the habit of working without them.
- Food is not allowed in class, however beverages are - hydration is important.

