

# MATHEMATICS II: COURSE SYLLABUS

Mr. Rodgers

Fall 2009

**Objective:** Math 2 is the second of four mathematics courses required for graduation. It teaches students to discover and integrate mathematics concepts through situational problem solving.

**Content:** The content of the course is developed along 3 major strands:

- 1) Algebra: Functions, Radicals, Rational Expressions, Solving Quadratic Equations, Complex Numbers
- 2) Geometry: Coordinate Geometry, Right Triangles, Circles and Spheres, Logical Reasoning, Trigonometry
- 3) Statistics and Probability: Summary Statistics, Sampling and Standard Deviation

## Supplies

1½ " 3-ring binder	Pencils
Loose-leaf notebook paper	Calculator (see below)
Graph paper	Highlighter Pen

**Grading Procedures:** Throughout the school year a student's grade will consist of the following:

**Tests: 60%**

**Daily Grades** (Homework, Quizzes, Tasks & other assignments): **40%**

**At the end of the semester, the student's average will be counted 85%, and the EOCT 15% in order to calculate the student's final grade.**

**EXTRA HELP:** Classzone.com is a site created by the book publisher to provide students with examples, homework help, practice problems, quizzes, tests and more. (No password needed.)

Usatestprep.com is a site paid for by the high school which has lessons and quizzes on the topics covered in the course as well as the GHS GT. (User name: jeffersonga Password: newton28)

**Homework:** All the secrets of success won't work unless you do. Homework will be assigned and checked daily.

## Tutoring:

Tutoring is available Monday, Wednesday, and Thursday from 2:50 – 3:30 in room 119. I am usually also available on Tuesday and Friday afternoons. If you need other opportunities come talk to me.

## Make up work:

If you miss class for any reason, **you** must make arrangements to make up the work on the day you return by filling out a make up request form.

## Daily Procedures:

- 1) Be in your seat, homework, agenda & class materials out, working on the warm-up WHEN THE LATE BELL RINGS. *If you are just walking in, you are tardy.*
- 2) Students will be allowed 1 bathroom pass per week. You must sign out to leave. Students will not be allowed to leave during the first or last 15 minutes of the period.
- 3) All work must be completed in **PENCIL**. No exceptions!
- 4) You must show your work! **If I don't see the work, you did not do the work.**

## Contact:

You can contact me with any questions or concerns by calling the school between 8:00 and 9:15. I can also be reached by e-mail at [brodgers@jeffcityschools.org](mailto:brodgers@jeffcityschools.org) . I check my e-mail frequently.

## Calculators:

**Students will need to purchase a scientific calculator.** The TI-30XS Multiview (approx. \$15) is well suited for this class and is available at many discount stores or online. Other versions of the TI-30 or other scientific calculators are acceptable.

Students should NOT purchase a graphing calculator. They are not allowed on the End of Course Test.

**ATTENDANCE: BOARD POLICY STATES THAT STUDENTS MUST BE IN CLASS 83 DAYS TO RECEIVE CREDIT FOR A SEMESTER CLASS. (ONLY 7 TOTAL ABSENCES PER SEMESTER.) UPON YOUR 8TH ABSENCE YOU WILL FAIL THE COURSE.**

PARENT INFORMATION AND RECEIPT OF SYLLABUS  
MATHEMATICS 1  
JEFFERSON HIGH SCHOOL

Student Name: \_\_\_\_\_

Parent Name(s): \_\_\_\_\_

I acknowledge that I have received and read the Syllabus for Mathematics 1.

Student Signature: \_\_\_\_\_

Parent Signature: \_\_\_\_\_

Parent(s) e-mail: \_\_\_\_\_

Comments: \_\_\_\_\_

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