Math Analysis Syllabus

2014-2015

Mrs. Jones

Phone number: 417-922-3211

Email: [ajones@bronaugh.k12.mo.us](mailto:ajones@bronaugh.k12.mo.us)

Class Website: ajonesbronaugh.weebly.com

Objectives

Math Analysis is designed to serve as a stepping stone between Algebra II and College Algebra. Two-thirds of this class will build on Algebra II concepts including: (1) equations, inequalities, and operations, (2) graphing linear and non-linear equations, (3) rational and complex number systems, (4) operations on polynomials. The second semester will include (5) trigonometric ratios and counterparts, (6)quadratics, (7) logarithmic and exponential functions, and (8) conic sections. This course will be a fast paced class in order to cover both Algebra II concepts and basic trigonometric functions within one school year. This class will prepare students to take Calculus or College Algebra in their fourth year or in college.

Materials

Textbook – McDougal Littell Algebra II

Loose Leaf Notebook Paper, Graph Paper, Pencil,

Composition Notebook (for this class only)

Texas 30XIIS Scientific Calculator

Quarter Grades/Semester Grades  
 Quarter grades will include chapter tests and end-of-quarter exams (when appropriate), homework category points, notebooks, and in-class activities or projects. Semester grades will be the average of the two quarter grades.

The grading scale adopted by this class is the following:

95-100 A 73-76 C

90-94 A- 70-72 C-

87-89 B+ 67-69 D+

83-86 B 63-66 D

80-82 B- 60-62 D-

77-79 C+ 59-0 F

Homework

Mathematics requires practice and time in order to obtain necessary skills to go further in the content area. Therefore, homework/assignments will be a large part of this class and will be collected at the beginning of class on the day it is due. The homework category will include daily homework assignments, in class assignments, classroom notes, and homework quizzes. This category is subject to teacher adjustments at her discretion. (I.E. Most assignments are due the following day after it is assigned.) Please note that this is an advanced level course, therefore, you should expect a heavier homework load that previous math courses.

Tests/Exams

After completion of each chapter, a chapter test will be given.. If I feel it is necessary to spend extra time to grasp objectives, the test date may be delayed. Review assignments/activities will be given and will reflect the types of material that is to appear on the upcoming test. If you miss the original test date, you have until the following Friday to make arrangements before or after school to make-up the test. If you need an accommodation for test taking please see me ahead of time to make arrangements.

Notebooks \*Change from Last Year\*

There has been a slight change to the notebook expectations from last year. You are no longer required to keep graded assignments. However, should you complete an assignment that is not scored in my grade book, but claim that you completed it—without this graded assignment shown to me, you will be responsible for redoing it (late policy implemented). Notes will still be taken daily and graded at the end of each quarter. To eliminate losing notes throughout the year, I have suggested a Composition Notebook to ensure their safety. You will, however, have the option to use a Composition Notebook, Spiral Notebook, or 3 ring binder as you see fit. Choose the one that best keeps you organized and your notes safe throughout the year.

Absences/Tardies

In the event you are absent from class, you are responsible for asking for the work missed. For each day missed, you will have one day to complete and turn in the homework for full credit. For school activities that are pre-planned, you will be responsible for getting the assignment ahead of time and turning it in before you leave or the morning of the day you will be gone. Follow the current student handbook for tardy guidelines.

Late Work Acceptance Policy \*Change from Last Year\*

Late work will receive an automatic 50% reduction if it is not turned in on time. Assignments are due at the beginning of class on the day it is due. Also, I will not take late work if it exceeds one week past the original due date. For example, if an assignment is due on Wednesday, you have until the next Wednesday, by class time, to turn it in and receive 50% of the original points. After this date, that assignment will no longer be accepted unless unusual circumstances arise. You may not complete BONUS questions for credit on late work. Incomplete late work assignments turned in may be subject to an additional 5% decrease in grade.

Cheating

Cheating is against every policy in this classroom. Anyone caught cheating, and the parties thereof, will receive a zero grade and may be subject to higher disciplinary action deemed by the school policy.

**Classroom Expectations**

1. Come to class on time, prepared, and with materials in hand.
2. Class is dismissed by the teacher not the bell.
3. Enter and exit the classroom quietly.
4. Respect others by not speaking while somebody else is speaking, keeping your hands to yourself, and using courteous language and gestures at all times.
5. Follow all procedures outlined in the Bronaugh RVII student handbook.

**Consequences**

If a classroom rule is broken, the following system will be implemented:

1st Offense: Warning

2nd Offense: Seat moved (if necessary)

\*Severe disruptions will be subject to immediate office referral.

3rd Offense: Referral to office

Syllabus Signature Page

2014-2015 Courses

Teacher(s): Mrs. Jones

Student Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Class: Math Analysis

* Please return to school by September 6, 2014

I have **read the syllabus and understand** the course goals, class rules, homework guidelines, and grading policies as described.

I understand that there will be **NO exceptions** to the late work and extra credit policies except in documented emergency situations. I also understand that a copy of the course syllabus will be given to the student and the parent/guardian, and that this signed document will remain on file with the teacher(s). This signature form is in effect the entire 2014 – 2015 school year. Parent/Guardian and student will be notified of any updates to the course syllabus.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Student Signature Date

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Parent/Guardian **(PRINTED)** Parent/Guardian Signature Date

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Parent/Guardian **(PRINTED)** Parent/Guardian Signature Date

The best way to contact parent/guardian is: m email cell phone home phone

The best time to contact parent/guardian is: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Parent Email (print):\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Parent cell phone: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Parent home phone:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_