

Analysis – Course Syllabus - Fall Semester 2008
Mrs. Kramer

Content: We will study Modeling and Equation Solving, Functions (their properties and graphs), Graphical Transformations, Linear and Quadratic Functions, Power Functions, Polynomial Functions of Higher Degree, Complex Numbers, Fundamental Theorem of Algebra, Rational Functions and Equations, Analytic Trigonometry, Matrices, Sequences and Series. Students are expected to read the textbook. The sample problems are especially helpful in preparing the daily homework assignments. Each student can expect to spend at least 30 minutes a day on homework. Students are responsible for checking the answers to odd numbered problems before class.

Required Materials (to be brought to class daily):

- **Text** – Precalculus, Mathematics for Calculus; 5th edition, by James Stewart, Lothar Redlin, and Saleem Watson
- Graphing calculator - TI 83, TI 83+, or TI 84 recommended.
- Students must use a **PENCIL** for tests and quizzes. There is a 20% deduction for failure to do this.
- Loose-leaf notebook with dividers is recommended for students to organize their papers

Grading Policy:

Grading Scale:

90 – 100	A
80 - 89	B
74 - 79	C
70 - 73	D
0 - 69	F

Evaluation:

Tests	50%
Final Exam (cumulative)	20%
Quizzes/Notes	20%
Homework	10%

Homework: Homework will be assigned daily and checked at the beginning of class each day. I expect students to show all work in leading to the solutions of each problem in order to receive full credit. All problems must be attempted. **LATE HOMEWORK WILL NOT BE ACCEPTED. IT IS DUE AT THE BEGINNING OF CLASS. NO EXCEPTIONS.**

Quizzes: Unannounced quizzes may be given to evaluate student progress and understanding of course material.

Make-up Work: Students who have been absent for several days are responsible on the day of their return to make arrangements to make up tests that have been missed. Make-up tests must occur within three days of the student's return to school. Students who have been absent for one or two days only, and have missed a test, must make up the test before or after school on the day of their return to school. Students should have a reliable "homework buddy" who can be called to check homework assignments during absence, **OR** they are to check my calendar on the website at spx.org for any missed work. It is not the responsibility of the teacher to ask the student to make up missed work.

Class Expectations:

1. Be in class and be **quiet** when the bell rings or detentions will be given.
2. You are expected to remain in your seat, be attentive during class and not talk unless you have been called on. You will take notes during class and work on class assignments during assigned times. Any infraction may result in a detention/demerit.
3. Students are to follow all guidelines pertaining to the SPX Student Handbook. Note no chewing gum or eating in class.

Tutoring: I will be available for tutoring during my free periods and before or after school by appointment. I can be reached by e-mail at ckramer@spx.org or by phone at 404.636.3023, ext. 358. A tutor list is provided on the class bulletin board.

I have read and understand all the requirements of this Analysis course as stated above.

Parent's Name (print):

Parent's Signature:

Student's Name (print):

Student's Signature:

Parent e-mail address: _____