

Course Objectives: After completing this course the student will have a working knowledge of linear functions and relations, systems of linear equations and inequalities, polynomial and rational functions, trigonometric functions and equations, conic sections, exponential and logarithmic functions, sequences and series, and combinatorics and probability. This rigorous coursework will prepare the student for the study of calculus, either at the high school AP level, or in the student's college studies.

Required Materials: Notebook, TI-83 graphing calculator (or TI-83Plus, or TI-84Plus)

Textbook: Glencoe Advanced Mathematical Concepts, 2006

Course Outline:

1. Students will need to take notes on a daily basis. This material, along with other readings, and handouts, will comprise the content of the notebook.
2. On the average of one to two quizzes will be given per chapter. These quizzes will most likely be announced in class, and on-line.
3. Tests will occur at the conclusion of each chapter, and will also be announced 2-3 days in advance.
4. If a student has an excused absence from school, he/she will make up the test/quiz at a time 2 or 3 days following their return to school. Arrangements for the make-up will be mutually made with the teacher and student.
5. Homework will be given on most nights. It will be discussed in following classes. The actual homework problems will not be graded, but the students attempt to do the assigned work will be evaluated. If the student made no attempt to do the assignment, then a grade of "zero" will be assigned.
6. On occasion, work will be done during class time, and be collected and graded as "classwork". Classwork will give the student time to practice the day's work in school, and possibly asked questions if they do not understand certain points before they do their homework.
7. The course schedule will be posted weekly of the school website(www.shhslions.com). This allows students, whether in class or absent, to remain current with their daily work.

Grading:

Tests 40%

Quizzes 30%

Class Work/Participation 10%

Homework 20%

Parents are welcome to contact me at 856-691-4491, ext 1401, or online at rplatoni@shhslions.com

