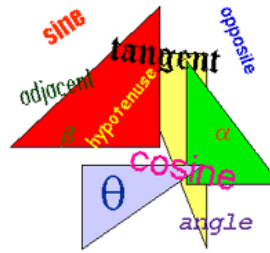


Math 444PC – Course Syllabus

Scarsdale High School
Mr. Samuel Greenberg

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Course Description (From SHS Course Catalog): This honors course in advanced mathematics provides a strong foundation for future study in mathematics or science and offers a rigorous treatment of elementary functions, theory of equations, modeling of real-world situations, analytic geometry, limits, continuity, and trigonometry. A graphing calculator is used in this course. *Prerequisites:* Teacher recommendation and Math 433 with a grade of B+ or higher.

Materials: Students will be expected to have the following

- 3-Ring Binder with graph paper and dividers. Recommended sections:
 - Class notes, Handouts, Homework assignments, Tests and Quizzes
- Pencils and Erasers (mechanical pencils are highly recommended)
- Pencil Sharpener (recommended for those who like to use old-fashioned pencils)
- Portable 3-Hole Puncher
- Graphing Calculator – Texas Instruments TI-89 Titanium (if you don't have one already, check EBay or Amazon for used ones that are usually much cheaper)

Textbook: We will be working out of the following textbook this year

- PreCalculus: Enhanced with Graphing Utilities, 5e; by Sullivan and Sullivan (ISBN: 0-13-135694-1)

Notebook: Students are expected to keep a neat, organized notebook throughout the year. Notebooks should be set up in the suggested format above. Class notes and homework must be done on graph paper. Each new day of notes as well as homework must start on a new page with an appropriate heading. Notebooks may be checked periodically for a quiz grade.

Homework: Students will be assigned homework on a daily basis, either from one of the textbooks or a worksheet. The purpose of homework is for students to practice the new skills learned in class. At the start of each marking period, every student will start off with a grade of 100. Four points will be deducted from that grade for each homework assignment missed. Two points will be deducted if the assignment is late or incomplete. Students will not be graded on correctness of work, however they are expected to complete it to their best effort. That means every problem is completed with appropriate work shown. If a student completes every homework assignment on time for a marking period, four points will be added to the grade. That is, your homework average will be a 104.

Students are encouraged to work together to complete homework problems, however, solutions must be written in their own words. Copying of solutions to problems from other students is unethical and strictly prohibited. Please see the separate academic dishonesty sheet for my policies on copying and cheating.

Please also note that homework may be collected and graded periodically. These grades will count as quizzes.

Assessments: Tests and quizzes will be given throughout the year. Quizzes will count as one grade, while tests will count as two grades. Review days will be done before tests, but generally not for quizzes.

Midterm and Final Exam: A midterm exam will be given in class at the end of the second quarter, covering all lessons from the first half of the year. The final exam will be given during finals week at the end of the year and will cover all lessons from the year. The midterm will count as two test grades for the second quarter, while the final exam will count for either 15% or 20% of the final course grade, depending on what will benefit the student the most.

Classroom Behavior: Students are expected to be respectful to the classroom environment, including teachers and fellow peers. Name calling, bullying, and foul language will not be tolerated. Cell phones and electronic devices (other than your calculator) may not be used during class, and should be kept away, unless in an emergency.

Absences: Students who are absent from class are responsible for making up any work that they miss, including homework. Remember, grades are recorded as a zero until the work is made up and shown to me. *Students are responsible for coming up to me upon return and showing homework that they didn't have checked because of their absence.* Additional time to make up work will be given for students who are absent for long periods of time.

Grade Calculation: Marking Period Grades will be calculated using the following breakdown:

85% Tests and Quizzes

10% Homework

5% Class Participation and Effort

Extra Help: Extra Help is available during my free periods and after school. My schedule will be posted outside my office (Room 218), in the classroom, as well as on my webpage. If possible, please email me in advance to let me know you are coming. Help is also available in the Math Center for most periods of the day. Please do not hesitate to ask for help! No question is too small or too dumb!

Communication: If you have any questions, comments, or concerns, please don't hesitate to contact me, either by phone or email. All messages will be returned in a timely manner.

Signatures: I have fully read and understood all of the policies and procedures for this course. I hereby agree to all of the above policies and strive to have a successful and productive school year.

Student Signature Date.....

Parent Signature Date.....

*Please return this signed syllabus to Mr. Greenberg **no later than** Friday September 8, 2017. Students will be given an additional copy of this syllabus for their reference.*