

## Syllabus Honors Pre-Calculus 2011-2012

**TEACHER:** Raju Patel

**EMAIL:** rpatel@temima.org

**ROOM:** D

**Text:** Glencoe Advanced Mathematics Each student will be assigned a textbook and will be held financially responsible if it is not returned at the end of the school year, cost: approximately \$60-\$65. Bring your book to class every day.

**COURSE DESCRIPTIONS:** This course will cover many elements of Algebra and Trigonometry. Including but not limited to: graphs, functions, trig functions, polar coordinates, systems of equations, polynomials and rational functions, analytic geometry. Chapters 1-5 will be covered in the fall and Chapters 6,7,10,11 will be covered in the spring.

Chapter 1 – Relations, Functions, and Graphs  
Chapter 2 – Systems of Linear Equations and Inequalities  
Chapter 3 – The Nature of Graphs  
Chapter 4 – Polynomial and Rational Functions  
Chapter 5 – The Trigonometric Functions  
Chapter 6 – Graphs of the Trigonometric Functions  
Chapter 7 – Trigonometric Identities and Equations  
Chapter 10 – Conics  
Chapter 11 – Exponential and Logarithmic Functions  
Chapter 13 – Combinatory and Probability

**MATERIALS NEEDED:** To be prepared for class daily, the following materials are needed:

- Three-ring binder, four dividers, Filler Paper, Pencils – *For daily work, no pens please.*
- Graphing calculator TI-84

**GRADES:** Grading will be done on a point system. Points will be given for homework, quizzes, tests, labs, projects, and other activities. **YOU MAY FIND YOUR AVERAGE AT ANY TIME ON ENGRADE.COM.**

**Grading Scale:** Please refer to student/parent handbook for school grading scale

40% -In-Class Assignments and Homework (include notebooks)

15% -Exams

30% - Quizzes

15% -Final Exam

LATE WORK WILL BE GRADED 50% OFF and will not be graded after two days from the due date.

### **Weekly Quizzes**

As a rule, we have a short quiz at the end of each week. The quizzes will ask you basic questions about what we covered that week, in order to keep you on top of the material as we move through the semester.

***HOMEWORK:*** Homework will be assigned on a daily basis. It is extremely important that you complete each assignment. It is your responsibility to complete the homework daily and come prepared to class with any questions on the material. Homework will be checked daily using the following scale: "5" if most or all of it has been attempted; "3" if about half has been attempted; and "0" if less than half has been attempted. **HOMEWORK WITHOUT WORK SHOWN IS GRADED AS IF YOU DID NOT DO IT!!!**

**Make-Up Work:**

It is the responsibility of the student to request make-up work **IMMEDIATELY** after returning to school from an absence. Students have three (3) school days to complete and submit make-up work to teachers. Make-up work will not be given after three (3) or more days have passed without the student requesting make-up work. For personal days, please refer to student handbook.

**EXAMS:** In the case of absence, students must arrange with the teacher to make up a test within one week of the student's return to school. Make-up tests will be supervised and maintain the same time allowance as the original exam. These make-up tests must be scheduled during regular school hours with either the teacher or the Resource Director. Students will not be permitted to miss classes in order to make up a test. Teachers may, at their discretion, require the student to take a different version of the test than the one originally given.

**Teacher Tutorial:** If you have questions you may call or text Mr. Patel at 404-384-0753. If leaving a message please state your name and question. Mrs. Limor will also be available for help on Monday's 5<sup>th</sup> period, Wednesday's 8<sup>th</sup> period, and Thursday's 7<sup>th</sup> period.

**Academic Integrity Policy**

The development of a sense of personal integrity and responsibility in our students is an important goal for our teaching efforts. Students at Temima High School are expected to submit work for evaluation that has been completed solely by that student, unless group assignments have been so designated. The following actions are considered to be violations of academic integrity: Using or receiving unauthorized materials in a test situation, passing on test answers and/or questions to someone who has not taken the test, turning in work for credit that is not the student's own (i.e. gross plagiarism). If a student is found to be in violation of the academic policy, the following measures should be taken: The student will receive a zero on the assignment and will not be allowed to complete the same. The teacher will inform the parent/guardian. Additional disciplinary action may be taken by the administration if warranted.

***BEHAVIOR:*** School is for learning and this is our first priority. Any behavior that obstructs learning in the classroom will not be tolerated. Examples include: off topic conversations while teacher is teaching a lesson or when others students are asking questions. My classroom rules are as follows:

Come to class **prepared** to work.

Be on **time**.

Be **respectful** of all.

Always **try** your best.

**All guidelines in the Student Handbook also apply in my classroom.**

**CONSEQUENCES:** Please note student handbook on discipline

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**I have read and reviewed this course syllabus with my child**

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

\_\_\_\_\_  
Date

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

\_\_\_\_\_  
Date

\_\_\_\_\_  
Student Name (Print)