

**Pre-Calculus Honors**  
**Instructor: Mrs. C. Andrews**

Class website: <http://teacherpress.ocps.net/cynthiaandrews/pre-calculus/>

**Course Objective:** This course designed to teach advanced topics of algebra and trigonometry, to give students a firm foundation on which to study and understand calculus and higher mathematics. The main concepts of this course deal with advanced study and analysis of both algebraic and trigonometric functions. The course will engage students in cooperative activities as well as independent study.

**Materials:** Laptop, Paper, Pencil, Calculator (scientific or graphing), three subject notebook with pockets.

**Grading Policy and Grading Scale:**

All grades for each 9 weeks are figured by total points. Each test is worth 100 points. Bell work is worth 5 points each. Homework is worth 5 points each. Interactive Note Book (INB) is worth 50 points per chapter. Nine weeks project is worth 50 points. 9-weeks grade is figured by adding up your total points, then dividing by the total possible points. **The statewide grading policy is in effect: 100-90 A, 89-80 B, 79-70 C, 69-60 D for all classes.**

**Final Exam/EOC:**

This course will have a county EOC during final exam week at the end of the school year. It is a comprehensive exam and is worth 20% of your final grade.

**Classroom Expectations:** I have 3 very general rules that encompass every aspect of school life as well as classroom life here at Colonial High School.

1. Be on time – Not in seat and ready to work when the bell rings denotes a tardy.
2. Be prepared – Have your necessities and come with a positive outlook
3. Be respectful – All actions.

**Course Breakdown:** This is how the course will be broken down for each nine weeks.

1 <sup>st</sup> Nine weeks	2 <sup>nd</sup> Nine weeks	3 <sup>rd</sup> Nine weeks	4 <sup>th</sup> Nine weeks
Analyze Functions	Sequences, Series and the Binomial Theorem	Trigonometry Identities and Sine & Cosine Laws	Limits in Calculus
Rational Functions	Trigonometric Functions	Polar Planes and Vectors	
Conic Sections			

**Textbook Information:** Pre-Calculus 7<sup>th</sup> Ed. by Pearson Publishing. And also available online at <http://phschool.com> web code is: aze - 0640

**Lateness:** You are expected to be in the room and in your seat when the second bell rings. I follow the school's tardy policy.

**Make-up work:** Students need to make sure they excuse their absences with the Attendance office on the day of their return to school. All missed assignments will be due the number of school days absent after the original due date. All missed tests or quizzes will be made up the first day back in school unless you missed material covered on the test. It is YOUR responsibility to contact the teacher about make-up work. NOTE: No homework for any of the chapters will be accepted after that chapter test has been taken.

**Housekeeping:** Everyone help keep the room clean. All trash is to be placed in the trash cans when you leave the room.

**The teacher's desk and all robotics materials are off limits:** Do not touch or remove anything from these without permission.

**Computers:** You are expected to bring your laptop to class each day, have turned on and logged in at the beginning of class.

**Extra Credit:** If you are interested in any extra credit work, please see me. There is a maximum of 50 points extra credit per nine weeks allowed. No extra credit will be accepted the last week of the grading period.