

Student Name _____ Class Period _____ Date _____

Syllabus for Pre-Calculus Courses

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Course Description:

The Pre-Calculus curriculum includes an expanded study of polynomial functions, conic sections, vectors, logarithmic and exponential equations, and the real-life applications of these topics. Students are challenged to defend and support their conclusions from the problematic situations. Working in both individual and group settings, students apply a variety of problem solving strategies, incorporating the use of graphing calculators or other technological tools. This course fulfills the requirement of one unit of mathematics for the Alabama High School Diploma.

***Pre-AP Pre-Calculus students receive 0.5 extra quality points for successfully completing this class. Final Exam is required for all Pre-AP students.**

Prerequisites: Algebra II with Trigonometry or Algebra III

Attendance and Make-Up Policy (See pages 40-41 of Student/Parent Handbook):

- All Tuscaloosa County Board policies, individual school policies, and classroom rules will be followed.
- Students with **excused** absences shall have 2 days for each day to complete and return make up work. It is the student's responsibility to find out what he/she missed. Failure to complete all assignments, quizzes, and tests in the allotted time will result in zeros for those grades.

Grading Policy:

Nine Weeks Grade:

- **Tests 50%** - This category will include Unit Tests, Take-Home Test Questions, and Projects
- **Quizzes 25%** - This category will include mid-unit quizzes, open note quizzes, short daily quizzes, and group/partner quizzes.
- **Assignments 15%** - This category will include homework checks, homework quizzes, class work or group activities and warm-ups.
- **Nine Week Comprehensive Exam 10%** - This category will include the nine weeks comprehensive exam, which will include questions from current and previous nine weeks.

To determine the nine weeks average use the formula:

$$0.5(\text{test avg.}) + 0.25(\text{quiz avg.}) + 0.15(\text{assignments avg.}) + 0.1(\text{nine weeks exam}) = \text{Nine weeks Average}$$

The final comprehensive exam is 20% of the course average.

Add the 4 nine-week averages and the 1 exam grade, then divide the sum by 5 to determine the final course average.

Final Exam Exemption Criteria

***Not applicable to Pre-AP Courses**

Possess an A (90-100) average with 6 or fewer absences

Possess a B (80-89) average with 4 or fewer absences

Possess a C (70-79) average with 2 or fewer absences

No discipline referrals resulting in detention or suspension

Testing Policy:

- Being absent one day before a test does not excuse you from taking that test along with the rest of the class.
- Calculators may not be shared.
- If you are only absent the day of a test, you will be expected to make up that test on the day you return to class.
- Work must be shown in order to receive credit.

Math Supplies:

- A 2" three-ring notebook filled with loose-leaf paper (No spiral notebooks)
- Graph Paper
- Several pencils and pens
- A scientific or graphing calculator
- Please consider donating one or more of the following: Copy paper, expo markers, Kleenex, or Paper Towels

Personal Electronic Devices:

Technology can be a valuable educational resource. Students are allowed to use electronic and technological devices at specified times and only when authorized by the teacher for instructional purposes. If a student is using a device inappropriately, consequences will be enforced as stated in the code of conduct handbook.

Essential Functions:

In order to be successful in this course, the student must

1. Have mastered the skills in Algebra I, Geometry, and Algebra II at a level of 70% or better
2. Be able to stay alert, focused, and follow classroom and school rules for 96 minutes
3. Communicate effectively both in oral and written form
4. Work cooperatively during class time and spend time outside of class in order to master objectives
5. Read, understand and apply information given in the form of word problems
6. Effectively take notes, listen to instruction, and keep up with the pace of the course necessitated by the state COS
7. Keep a well-organized notebook that includes notes as well as written assignments and grades
8. Exhibit good study habits and complete all assignments
9. Seek additional help from the teacher or a tutor if necessary

Class Rules:

1. Bring supplies to class everyday
2. Do not bring food, drink, candy, or gum into the classroom for any reason
3. Do not ask for a pass out of class for any reason. No passes to restroom, locker, phone, or office
4. Follow all instructions given to you by the teacher
5. You must be sitting in your assigned seat before the tardy bell rings
6. Have good manners and show everyone respect
7. All students must complete a grade sheet and keep up with their own grades

Note to parents: We are always available for tutoring and parent conferences. Please help us help your child by keeping the lines of communication open. Email is the quickest way to communicate (assuming our internet service is not down) but we are more than willing to speak to you on the phone or in person whenever you need one of us. We are looking forward to a wonderful year.

Please sign and return:

Student's signature: _____ Date _____

Parent's signature: _____ Date _____

Parent's email address: _____ Phone # _____

Health issues or any other comments or concerns: _____