

Algebra 2/Trigonometry  
Oak Ridge High School  
Mathematics Department

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**Welcome to Algebra 2/Trigonometry. I am looking forward to a successful year! ☺**

**Text:** *Algebra and Trigonometry 4<sup>th</sup> edition* by Blitzer.

**The topics we will cover in this course include:**

- Polynomials
- Exponents and Logarithms
- Functions and their graphs
- Triangle trigonometry
- Linear equations and inequalities
- Circular trigonometry
- Modeling with functions
- Sequences and series
- Probability and statistics

**\*This course will prepare you for Pre-calculus Survey.**

**Supplies:** Three ring binder (2 inches wide), divider tabs (3), pencils, and a Ti -84 Graphing calculator (purchase or rent one from ORHS).

**Grades:** The oak Ridge high School CP grading scale will be used. However, this course does will receive a GPA boost of 0.25.

**A:** 93 - 100 %      **B:** 85 - 92 %      **C:** 75 - 84 %      **D:** 70 – 74 %      **F:** <70 %

A weighted average will be used to calculate each nine week's grade. Exams will count 60%. Quizzes, homework, classwork, notebooks, and projects will count 40%. The TNReady will count 25% of the second semester grade. The state's end of course test will be administered in the spring and the state will determine how much it will count towards the course grade at a later date.

**Homework:** Homework will be assigned every class day. There is a strong correlation between doing homework and performing well on exams. To encourage high performance in this class, homework will be graded for completeness and/or correctness. Homework may be collected and graded, spot checked in class, or a homework quiz will be given.

**Internet resources:** Homework assignments are posted on the bulletin board in the classroom as well as on Canvas. Assignment sheets will be provided for each unit. Skyward will be updated regularly to

provide information regarding grades and attendance. Additional assignments from TenMarks may also be assigned.

**Make-up work:** If you miss a quiz or test, please be prepared to make it up at 7 am on the days extra help is offered. If you miss turning in homework due to an absence, it is due the day you return. Please see me to arrange other times for make-up quizzes/tests.

**Tardy policy:** You are late if you are not in the room when the bell rings. We will follow the ORHS tardy policy as printed in the Student Handbook. Each even numbered tardy, starting with the fourth tardy, will result in an office referral and a consequence.

**Extra help:** I will be available for extra help on Mondays, Wednesdays, and Fridays at 7:00 am. The National Honor Society also offers tutoring after school. Check the guidance office for locations, dates, and times.

**Classroom expectations:** You are expected to be in class on time with all needed materials. Homework should be attempted each day it is assigned. No cell phones will be allowed in class unless otherwise indicated by the instructor.

Listen to all directions

Enter and exit prepared

Always do your best

Respect others and the learning process

No excuses!

**Let's have a great year! ☺**