

NC Honors Math 3 Course Syllabus

Tuscola High School

Teacher: Randy Pressley

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Course Prerequisites: Successful completion of NC Math 1 and NC Math 2

Course Description: NC Math 3 builds on student's study of Math 1 and Math 2 concepts. In addition to these standards, Math 3 continues the study of algebraic concepts, advanced functions, geometric concepts, trigonometry, complex number system, inverse functions and the unit circle. Math III also includes the geometric concepts of conics and circles.

Required Supplies: Three ring binder or notebook, loose-leaf paper, pencils, ChromeBook

Calculators: Calculators will be available in the classroom when needed.

Grading Policy:

Major Assessments 50% (tests)

Minor Assessments 40% (quizzes) and 10% (homework)

Classroom Policies and Guidelines

1. Be respectful of ourselves, others, all teachers, and school property.
2. When the tardy bell rings, you should have your required materials out and be ready to begin class.
3. Cheating on any assignment results in a 0 grade for all students involved.
4. Cell phones, ear buds, and other electronic devices should not be seen or heard during class. If a cell phone is out when it shouldn't be, it will be taken from the student and returned at the end of class. If the same cell phone is taken on a consistent basis, it will then be turned into the office. In addition, cell phones must not be charged during class. There is a calculator caddy where calculators are to be placed before class starts.
5. When you are absent, you will receive a copy of missed notes and the assignments when you return. Absentee work is due by with two days for each day missed as the deadline.
6. To keep expectations and standards high, you must show your work to all assigned math problems. Homework and projects are due on the due date they are assigned. No late work is accepted unless the student has been absent.
7. Tutoring is available most mornings in my classroom upon request. Please let me know if you are planning to come in so I will know to be available.
8. Restroom breaks are given at about the half way point in the period. When you are given permission to leave you must sign out and take the hall pass at other times.
9. Dress Code: Please follow the school policy.
10. Food and drinks are allowed, provided that you clean up after yourself.

11. All students to turn their cell phones and Smart watches into the teacher on test days. Failure to do so will be considered noncompliance and a school administrator will handle the consequences.

12. Homework assignments will usually be given daily. There will be a few quizzes and a test for each unit. Projects will also be assigned, when appropriate. A midterm exam will be given. All students will be required to take the NC Math 3 state assessment which counts as 25% of their final grade.

Tentative Course Pacing Guide:

Review Unit - Solving Linear Equations

Unit 1 - Functions and their Inverses

Unit 2 - Exponential and Logarithmic Functions

Unit 3 - Polynomial Functions

Unit 4 - Modeling with Geometry

Unit 5 - Reasoning with Geometry

Unit 6 - Rational Functions

Unit 7 - Trigonometric Functions

Unit 8 - Statistics

****Note:** Unit order is subject to change at teacher's discretion.

Tutoring and Office Hours:

I am available daily after school unless I have a meeting. If you need any help please let me know.

In Short....

- ✓ **BE PREPARED TO DO YOUR BEST!** BE PROMPT: Arrive to class on time and attend to necessary duties before class begins. Turn in assignments in a timely manner.
- ✓ **BE PREPARED:** Always come to class with the items listed above. Have all materials ready to go at the start of class so that they will already be there when you need them.
- ✓ **BE PRODUCTIVE:** We have a lot to do in not a lot of time. It is important that we remain on task during the instructional period so that we can cover everything.
- ✓ **BE POLITE:** The classroom should be a positive learning environment. Be respectful to your teacher and your peers. Only one person talks at a time, unless we are doing a group activity. Raise your hand before you speak.
- ✓ **BE POSITIVE:** Always have a positive attitude!!