Phillip O. Berry Academy of Technology

Math III Syllabus

# Course Overview

Teacher

Omur Hafizoglu

Phone

980-343-5992

Email

omur1.yakuphafizoglu@cms.k12.nc.us

Room Location

317

Tutoring

Tuesdays: 2:30 -3:00pm

**Wish List**

Colored copy paper

Dry-erase markers

Tissues

Hand sanitizer

Paper towels

North Carolina has adopted new curriculum standards for math called the Common Core Standards. Math III progresses from the standards learned in Math I and Math II. In addition to these standards, Math III extends to include algebraic concepts such as the complex number system, inverse functions, trigonometric functions, and the unit circle. Math III also includes the geometric concepts of conics and circles.   
Students will no longer study Algebra I, Geometry, and Algebra II as separate courses. Instead, topics from all three courses are taught throughout Math I, Math II, and Math III.

# Online Text

Pearson Algebra 1, Geometry, Algebra 2 --To access online textbooks, go to <http://www.phschool.com/atschool/txtbk_res_math.html>

**Our Google Class Code: u7lvk4**

# Course Materials

* 3 Ring Binder (2 – 2½ inches)
* Paper (+graph paper)
* Pencils (mechanical or wood) & Highlighters
* Graphing or Scientific Calculator!!!!!

# Class Rules

* Show *respect* to yourself, others, and the school.
* Be in your SEAT, quiet, and ready to begin class when the tardy bell rings.
* No one should be out of their seat without teacher permission
* All school dress code rules should be followed. See student handbook.
* Follow directions at the 1st time they are given.
* No food or drinks (except water in a closed bottle)
* No electronic devices (you have to follow school cellphone use policy)

**Grading Scale**

A= 90 – 100 B= 80 – 89 C= 70 – 79 D= 60– 69 F= 59 and Below

Percentages: 70% Formal Tests, 30% quizzes, classwork/homework

NC State Final Exam: 25% of Final Grade

\*\*Students may have no more than 10 absences in the course. More than 10 absences will require attendance recovery to avoid failing the course\*\*

# Course Outline

|  |  |  |
| --- | --- | --- |
| Unit | Topic | Approximate # of Days |
| 1 | Functions and Their Inverses | 10 |
| 1 | Exponential and Logarithmic Functions | 9 |
| 2 | Polynomial Functions | 9 |
| 3 | Modeling with Geometry | 7 |
| 4 | Rational Functions | 10 |
| 5 | Reasoning with Geometry | 15 |
| 6 | Trigonometric Functions | 10 |
| 7 | Statistics | 5 |

# Assignment Policies

**Homework** is considered part of “informal” grades, and is very important for mastering the topics in North Carolina Math III. You will receive a grade based on completeness of randomly selected homework problems of the assignment. Homework will be collected randomly. You must show work on each problem for full credit. *No work means no credit!*

**Make-up work** is given to students with *excused absences*. Students have three days to turn in make-up work for credit*.* It is the responsibility of the student to get the assignments *before* or *after* class, not during class. When you are absent on a test day OR review day only, you will take the test on the day you return. Any quiz or test not made up within a week will become a zero!!

**Re-Testing**: Students who score of 59 or below on a test may earn up to a 70 or half the points lost by completing a test correction sheet signed by their parent and attend a tutorial. It is the student’s responsibility to initiate this process.

Providing a beneficial learning experience requires cooperation and open lines of communication between all parties: students, teachers, and parents.

Students, always feel free to discuss any difficulties that you may be having in this class with me. Also, let me know if you need additional help so that we can arrange a time before or after school.

Parents, if at any time you have questions or concerns about your child or this course, please contact me at Phillip O. Berry Academy of Technology. You can reach me at 980-343-5992 or email me at [omur1.yakuphafizoglu@cms.k12.nc.us](mailto:omur1.yakuphafizoglu@cms.k12.nc.us) (best method of contact). Website: 1omur.weebly.com

\*The material on this class policy is subject to change with proper notification

**THIS PAPER MUST BE KEPT IN YOUR NOTEBOOK.**

Sincerely,

Mrs. **H**afizoglu

I have read and understand the classroom policy for Mrs. H’s math class:

Student Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Parent Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_