

|  |
| --- |
| **NGHS Vision** |
| Northern Guilford High School will equip and prepare all graduates with a career plan, apprenticeship, enlistment agreement, or acceptance letter to a post-secondary school. |
| **NGHS Mission** |
| Northern Guilford High School empowers lifelong learners who exhibit wisdom, hope, and integrity. |

**Course Overview 2025-2026**

**MS, Donna Christy, Room 244**

**Northern Guilford High School**

**Welcome to Math 3**

 **Course Description**

NC Math 3 progresses from the standards studied in Math 1 & 2. NC Math 3 extends its focus to more complex functions such as logarithmic, rational, polynomial, absolute value, and piecewise, and an introduction to trigonometric functions. The geometry focus will be circles, and, to continue the study of triangles, geometric modeling will be used to connect analytic geometry, algebra, functions, and geometric measurement to modeling. The use of sample data to represent populations will be the focus of the statistics topic.

Unit 1 – Congruence, Structure, and Proof

Unit 2 – Circles: A Geometric Perspective

Unit 4 – Functions and Inverses

Unit 5 – Exponential and Logarithmic Functions

Unit 6 – Polynomial Functions

Unit 7 – Rational Functions and Expressions

Unit 8 – Modeling Periodic Behavior

Unit 3 – Modeling with Functions

Unit 10 – Statistics

**Welcome to the 2025-2026 school year at**

**Northern Guilford High School!**

Let me introduce myself, I am Donna Christy, math teacher at NGHS. This is my 6th year as a Nighthawk, and I am looking forward to teaching and getting to know my students! I earned Mathematics & Business Administration degrees from Greensboro College. I was a three-sport athlete while at GC and have coached many championship teams. I am very passionate about teaching and have made it a life-long career. I will create a safe and team-like atmosphere as we work together to help each other understand and enjoy math! We will have fun learning math!

 **Email:** christd2@gcsnc.com

**School Phone:** (336) 643-8449 extension 8244

**Webpage:** [**https://www.gcsnc.com/Page/58221**](https://www.gcsnc.com/Page/58221)

**Canvas:** Announcements, Assignments, and Helpful Videos will be posted on the class CANVAS Page.

**Contact:** E-mail, Canvas, or Clever

**Grading Policy**

**Summative (Tests/Projects) 50%**

**Formative (Quizzes) 30%**

**Classwork 20%**

**Three distinct benchmarks**

**At the end of the course, students take the Math 3 End-of-Course Exam which is 20% of their final grade.**

**Grading Scale**

1. 90-100%
2. 80-89%
3. 70-79%
4. 60-69%

F Below 60%

**Help Sessions**

The math department help sessions are offered weekly per teacher.

 **\*\*Teacher may also require student to attend for makeup or late work.**

**Late Work Policy**

Students can turn in assignments up to **5 school days after the due date,** with *a 10-point penalty per day late.****NO WORK will be accepted after 5 school days.***
All classwork is to be completed and turned in at the **end of class**, unless otherwise specified by the teacher.

All classwork is to be **completed** and **turned** in at the **end of class**.

**Makeup Work Policy**

Students are expected to make-up work assigned during the absence, within **3 school days** of the student’s return to school. After the 3 school days, if the assignment is not turned in**, it becomes late work**.
*The* ***ultimate responsibility*** *for make-up work lies with the* ***student. \****

**Materials Required Daily**

* Charged GCS Chromebook & Charger
* One Card
* 3 Ring Binder/Folder
* TI-84 Graphing Calculator
* Pencils/Pens/Highlighters/Colored Pencils

If you fall behind, run faster. Never give up, never surrender, and rise up against the odds. Success.com