**Class Description:** PreCalculus provides students with the opportunity to study concepts of vectors, functions, modeling, trigonometry, and conics to become effective problem solvers and critical thinkers. At the conclusion of PreCalculus all students will take the **North Carolina Final Exam (NCFE)** test worth **20%** of the student’s final course grade. This class will also explore SAT and ACT prep.

**Grading/Academic Policy**

Formal Assessments: 70%

Quizzes & Informal Assessments: 30%

**Tutorials:** M, T, Th, F - 2:15-4:00pm.

**Ms. G’s Expectations**

1. 1. Be here. Time i$ money.
2. 2. Be respectful to yourself and others.
3. 3. Be accountable.
4. 4. Learn from your mistakes.

**Topics to be covered!**

**Unit 0:** The “Basics” aka Math 3

**UNIT 1:** Building Functions  
**UNIT 2:** Polynomials & Rational Functions  
**UNIT 3:** Exponential, Logarithmic, & Logistic Functions

**UNIT 4:**Trigonometric functions   
**UNIT 5:** Analytic Trigonometry   
**UNIT 6:** Analytic Geometry/Conic Sections  
**UNIT 7:**Vectors, Parametric, & Polar Equations

**Unit 8:** Sequences & Series

***\*UNIT 9: Limits & Intro to Calculus\****

**What you need:**

* 1 binder > 2 inches with paper
* 10 Dividers
* Pencils, highlighters

**What you might want:**

* 1 Composition Notebook

**Grades**

90-100 A

80-89 B

70-79 C

60-69 D

<59 F

**Parent/Guardian -** I will support my student in his or her academic growth by:

* Making sure my child comes to school on time every day
* Encouraging my student in his or her academic goals
* Checking Ms. Grosse’s webpage to receive updates & other important information

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Signature of Parent/Guardian Date Preferred Method of Contact

**Student -** I will actively reach for my goals by:

* Arriving to school on time and on a daily basis
* Asking Ms. Grosse for help when I need it
* Completing my homework and classwork assignments each day
* Actively contributing in class and working toward my “Big Goals"

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Signature of Student Date Preferred Method of Contact

**Teacher -** I will actively assist in the student’s academic growth by:

* Arriving to school on time and on a daily basis and prepared to teach
* Preparing daily assignments in order to challenge the student’s academic growth
* Actively participating in the student’s academic and social development

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Signature of Teacher

**Attendance Policy:** You will have **until the end of the quarter** to make up any missing work. As per CMS policy, you **will not** receive credit for this course if you miss > 10 days during the semester.

**Tardies:** Grosse locks the door at the sound of the late bell. If a student is late to class, the student will report to the 200/700 Split to receive a late pass & appropriate consequence. If a student does not comply with their consequence, they will receive the next level of consequence. If a student needs to reschedule a consequence, they need to contact their appropriate administrator. \*If you’re reading this, email me and tell me one thing you are excited about for precalc, you will get five points on your first quiz.

**Consequences for Tardies:** (1) Warning, (2) Warning (with parent contact), (3) Article Summary, (4) Lunch Detention, (5) ASD (Monday/Tuesday/Thursday), (6) ASD (Monday/Tuesday/Thursday), (7) 30 mins. Community Service, (8) 1 hour Community Service, (9) ISS, (10) Referral to MTSS

**Dress** **Code:**

Students will maintain personal attire & grooming standards that promote safety, health, and acceptable standards of social conduct, and are not disruptive to the educational environment. All prohibited attire is outlined in the Student Code of Conduct.

**Consequences:** (1) Garinger clothing closet (located in ISS room)**,** (2) Parent contact**,** (3) Consequence per administrator discretion

**Electronics Inside Room 307:**

Personal Electronic Devices are not allowed during instructional time unless authorized by Ms. Grosse for instructional purposes. Headphones and ear buds are not permitted. Check yourself at the door. Students violating this policy will receive the following consequences.

**Consequences:** (1) Reminder/Warning, (2) give phone to Ms. Grosse and retrieve at the end of block, (3) turn phone into BMT and must pick up at the end of the day with Mrs. Wright, (4) afterschool detention, (5) ISS. Students assume all responsibility for loss of personal items.