

Welcome to Mr. G. Precalculus Class!

Kirkwood High School 2026-27 School Year

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SYLLABUS



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Planning Period:

4th Period

Math is magic, and Physics is reality. Together, they give you superpowers.

Teacher's Website: <https://kirkwoodhigh.cmcss.net/user/ridelto.gutierrez>

This is my district page on the school website with information about me and some useful links.

Class Folder: [Precalculus Weekly Plans and Documents](#)

Students should check this folder regularly for weekly lesson plans and related class materials.

Resources

Internet: <https://mastermathmentor.com>, www.khanacademy.org, www.deltamath.com,
www.desmos.com/testing/tennessee, www.numworks.com/simulator/

Calculator

[The NumWorks online graphing calculator simulator](#) is recommended for Homework. The NumWorks handheld graphing calculator will be assigned for Classwork and Assessments during class, and a laptop computer will be provided by the school to take home.

Goals and Objectives

In this course, you'll stretch your math brain, tackle real-life problem-solving, and build the kind of thinking skills that help you move beyond Algebra 2 toward Calculus and college-level mathematics. We'll keep things challenging, but always with support - you'll know what's expected, what success looks like, and you'll have the tools to get there.

Academic standards, chosen by the Tennessee State Board of Education, provide a common set of expectations for what students should know and be able to do at the end of a specific grade or course.

Local school districts determine the order in which these state-mandated standards are addressed in their schools. For a breakdown of standard pacing and course objectives for PreCalculus students in the Clarksville Montgomery County School System, please visit the Curriculum Resources link under the Students & Parents tab on the CMCSS homepage.

<https://sites.google.com/cmcss.net/cmcssparentacademicresources/high/high-math>

It is the policy of the Clarksville Montgomery County School System to follow the dictates of state statutes in the selection and use of all instructional materials.

Parents or legal guardians may request to review any instructional materials used in the classroom of the parent or legal guardian's child following the guidelines set forth in Instructional Policy INS-A073 found at: <https://employees.cmcss.net/misc/ViewISO?filename=INS-A073.pdf>

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Units of Study

The chart below outlines the units of study for PreCalculus and possible major assignments or field trips that could be used to enhance student learning or solidify mastery of standards in each unit. This chart is not inclusive of every assignment for PreCalculus, as additional or different assignments may be created based on the needs of students. Specific details for major assignments will be shared with students and parents or legal guardians as the standards related to the assignments are addressed in class.

<https://sites.google.com/cmcss.net/cmcssparentacademicresources/high/high-math/hmprecalculus>

Unit	Topic	Assignments / Field Trips
1	Functions and their Graphs.	Weekly Delta Math Homework.
2	Polynomial and Rational Functions.	
3	Exponential and Log Functions	Every two weeks a Test is given based on the two previous weekly Delta Math Homework. 100 pts.
4	Trigonometric Functions.	
5	Analytic Trigonometry.	Every semester has a final exam (100 pts, 20% of the semester grade)
6	Applications of Trigonometric Functions.	
7	Polar Coordinates. Vectors.	No field trips are currently planned. Parents will be notified in a timely manner if a field trip arises.
8	Analytic Geometry.	
9	Systems of Equations and Inequalities.	
10	Sequences and the Binomial Theorem.	

Note: Because we follow the [mastermathmentor.com](https://www.mastermathmentor.com) Manual, the unit numbering may differ slightly.

Required Materials

- Graphing Calculator (provided) – we'll use NumWorks in class, laptops to take home.
- Guided Notes (provided) – keep these organized, they're your cheat-code for tests.
- Loose-leaf graph notebook paper (avoid colored or wide ruled).
- Mechanical pencils (pens discouraged, no red pens – I need that color for grading).
- Markers or highlighters for key points in notes.

Grading Policy/Evaluations

We use a points-based system. More assignments mean more points – simple math (with a minimum of two per week). Every nine weeks has its own total, and your semester grade is calculated by the district:

- Semester 1: 40% first nine weeks, 40% second nine weeks, 20% final exam
- Semester 2: 40% first nine weeks, 40% second nine weeks, 20% final exam

Grades are updated weekly on PowerSchool, always with at least two new entries per week. District weights are only applied after the term ends for report card calculation purposes.

Progress reports will be issued by the school as planned. Grades are based on format, neatness, completion, and correctness. At least two grades will be posted weekly. Assignments listed below are adjusted according to time and the year's challenges.

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Class Work (CW) – 25 pts/week

Classwork is given daily to complete 25 pts per week. Grades are based on understanding, participation, and performance during class activities. If you miss a day or more, no CW grade is given to protect your current average, unless you recover the missing work by coming after school and completing it with me. If you do not, you won't receive the CW points, but your average won't drop either.

Guided Notes – 10 or 20 pts

Guided Notes may be checked at random. To receive full credit, every question must be attempted. Blank answers will not count. Only the provided Guided Notes will be graded, not personal notebooks. I also observe your study habits, which may be considered when I am asked for letters of recommendation.

Homework (HW) – 25 pts

Homework is assigned weekly on DeltaMath and is usually due on Wednesday at 11:30 PM. Late homework is accepted through Sunday night with a 5% deduction per day. If I have not finished teaching all required topics by the previous Friday, I will extend the full-credit deadline. Students should not wait until the last day to begin homework.

Example HW Timeline

N1W3 DM PreCalculus (Due 24 Aug - 27 Aug). Exponential Functions. Logarithms.

Week	Posts	Opens	Covers Material	Due Window for 100% Credit
Week 3 Classwork	Sun Aug 23 (Week 3)	Sun Aug 30 (Week 4)	Up to Fri Aug 28	Aug 30–Sep 2, with 5% drop per day after Sep 2.

This DM opens Sunday, Aug 23, and covers topics from Aug 24 - 28. It is due Wednesday, Sep 2, for full credit. After Wednesday, late submissions lose 5% per day until Sunday night, when they become overdue.

Bell Ringers (BR) – 25 pts/week

None planned at this moment. If assigned, every problem must show complete work for full credit. Bell ringers are quick daily warm-ups that prepare you for the lesson.

Unit Test – 100 pts/unit

A test will be given after each unit or chapter. You'll know the test day at least one week in advance. Unit tests cover major concepts and count for 100 points each.

Biweekly Tests (TS) or Quizzes (QZ) – 100 pts every other week

Biweekly assessments check your understanding before the bigger tests. They include multiple choice, true/false, multiple select, and short-answer questions. Some require full work and justification. These are worth 100 points and occur every other week, covering the same topics as classwork and homework. They may be given on DeltaMath or paper.

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Late Work & Extra Credit

Late homework is accepted up to 4 days (5% penalty per day) for a maximum of 80% credit. After 4 days, the assignment is a zero unless special circumstances are discussed ahead of time with me or brought to my attention by a parent or administrator. I must emphasize this: ahead of time, not after the assignment has become overdue. If you wait until the last day and something happens on that day, you must immediately inform me. You will normally be given only one extra day, since one day was all you had when the emergency happened. If you tell me ahead of time and your reason is sound, you will be given more days, depending on your circumstances. Plan ahead, don't gamble with zeros - they add up fast.

Homework deadlines are dynamic. While the default due date is Wednesday, if I do not finish covering the required material by the prior Friday, the due date will be moved to the next Friday (instead of next Wednesday). For any submissions after the extended Friday deadline, a 10% daily penalty will apply, with no homework accepted after the following Sunday unless the homework is extended by an entire week, which happens very rarely.

Extra credit is not offered to individual students. Everyone has the same opportunities for bonus points given to the whole class.

Makeup Work Policy

Per CMCSS policy, you have one day per day of excused absence to make up missed work. Assignments due on the day you return must be turned in immediately. It's your responsibility to check the class folder, Delta Math, and PowerSchool for missed work and schedule any makeup tests. If you don't schedule the make-up or don't show up for it, a zero will stay in the gradebook.

Three percent of the term grade is added to each quarter grade and final exams for Honors courses (five points for AP).

Grading Scale

A: 90% – 100%

B: 80% – 89%

C: 70% – 79%

D: 60% – 69%

F: 59% and below

Grades are rounded to the nearest whole number. Example: 92.4 = 92 (A), 92.5 = 93 (A).

Note: *If you earn an "A" for both the 3rd and 4th Nine Weeks, you will be exempt from the second semester exam, in which case each nine weeks' grades will effectively constitute 50% of your semester average*

Math Team

- *Participation in Math Club weekly training is optional but highly encouraged. In late March 2027, all students will take an in-class qualifying test for the opportunity to join the Math Team that will represent our school at the annual TMTA (Tennessee Mathematics Teachers' Association) Statewide High School*

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Mathematics Contest, which will be held on April 7, 2027, at Austin Peay State University (APSU). This qualifying test does not impact their course grade and is designed to help students strengthen mathematical thinking and prepare for future assessments.

- *Students who make the Math Team and compete in the TMTA contest are excused from the first quiz given after the competition (or during the week of the competition). Their quiz grade will be derived from their contest performance using a fair conversion that accounts for differences in difficulty. The conversion will be discussed with the Math Team before the competition.*
- *Students who place in the top six individually, score 100 points or higher, or compete on a team that places 1st through 3rd will be mentioned in any math teacher letter of recommendation they request.*

Kirkwood High School Artificial Intelligence (AI) Policy

- *At Kirkwood High, we want your learning to reflect your own thinking, effort, and growth. To make sure everyone has a fair chance to succeed, using AI tools, such as ChatGPT, Grammarly, or any other AI that helps write, research, solve, or analyze, is **not allowed** for schoolwork.*
- In my class, however, you may use AI as a **tutor at home** to help you understand concepts, not to get the answers. Some ChatGPT Precalculus Tutors are designed to teach you step by step without giving away the final answer. Click on GPTs, then, in the search box enter Precalculus Tutor and scroll down until you find one. Example:



Precalculus Trigonometry Tutor

A tutor specializing in Precalculus Trigonometry, detailed and understanding.

- You may also use **Khanmigo** from www.khanacademy.org, an AI assistant created to help students learn and support teachers with classroom tasks. This gives every student access to extra help, similar to having a personal tutor, while keeping the work fair for all.

Here is what that means for you:

- **Homework and Assignments:** *All assignments should be your own original work. You cannot use AI tools to write essays, answer questions, help you research or generate any part of your homework.*
- **Class Discussions and Presentations:** *When you speak in class or give a presentation, your ideas should come from you, not from an AI tool. This includes preparing your notes and/or slides.*
- **Projects and Group Work:** *Whether you are working solo or in a group, don't use AI to plan, research, or create any part of the project. Everyone in a group is responsible for keeping things "AI-free."*
- **Academic Integrity:** *Turning in work made by AI, or using it to get ahead, is considered cheating. It is not fair to your classmates, and it does not help you grow as a learner.*

If an AI tool is ever approved for use on a given assignment, the teacher will communicate and model how to appropriately use the AI tool for the given task. If you are ever unsure about what counts as using AI, ask your teacher first. The faculty at Kirkwood High is here to help you learn how to ethically use these types of tools and resources.

Classroom Expectations

- *Respect your teachers and classmates. Everyone in the room deserves to be treated with dignity, patience, and courtesy.*
- *Be on time. You are on time if you enter the classroom before or during the bell. Repeated issues will be marked as tardy and reported to parents. If you come from another teacher, you will be excused **only** if you have a note from the teacher with your name, the time and date, the teacher's name and the reason for the delay. Use common sense!*
- *Be prepared. Students who come unprepared (no pencils, no notes) will lose points for that day's work.*
- *If absent, you must make up the work after school to get full credit for classwork points.*
- *Have a positive attitude, be responsible, do your best, and participate.*
- *Respect others and their property. Writing on desks, calculators, or walls is immature and illegal.*
- *Behave like the young adults you are. If repeated behavior issues occur, I will contact parents or guardians so we can address the problem together.*
- *Raise your hand to talk and listen quietly when others are talking.*

Classroom Procedures

- *Start class with materials ready, bags under desks, and begin the Bell Ringer, if one is up.*
- *Stay focused during instruction. Ask questions but wait to be called on.*
- *No food, gum, or makeup in class. Water bottles with caps are okay.*
- *Finished early? Review notes or homework, not other class assignments.*
- *Announcements mean silence until we resume class.*
- *Cheating or suspicious behavior on tests results in partial credit or finishing the test after school. No retakes will be given if cheating is confirmed. Parents must contact me, and the principal must authorize further action.*

Restroom Policy & Dismissal

- *Restroom passes are not allowed during the first 10 minutes or the last 10 minutes of class (the 10/10 rule) unless it's a true emergency and cleared with me first. Plan ahead and use restrooms during class changes whenever possible to avoid missing instruction.*
- *At the end of class, **remain seated** and don't switch desks until I dismiss you so we can exit in an orderly manner. The bell signals the end of class, but I dismiss students, not the bell or the intercom.*

Disciplinary Consequences

Minor Offenses may include minor disruptions, repeated lack of preparation, talking out of turn, getting up without permission, using phones or other devices improperly, uncooperative or defiant behavior, etc.

- *1st offense – Counsel and document the warning.*
- *2nd offense – Another documented warning, possible seat change, and parents may be contacted.*
- *3rd offense – Parent contact and referral to the assistant principal.*

Major Offenses include leaving class or school without permission, profanity, disrespect, fighting, theft, destruction of school property, alcohol, drugs, tobacco, weapons, gambling, false fire alarms, etc. These result in an immediate referral, or the administration or SRO may be called.

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Tardy Policy

You must be ready to work by the time the tardy bell rings. In accordance with CMCSS policy:

- *1st tardy – Counsel/warning.*
- *2nd tardy – Parent contact.*
- *3rd tardy – Discipline referral.*

If you are late 10 minutes or more without a valid reason, you will be marked absent and an immediate referral will be issued.

Weekly work posted in the class folder and on DeltaMath is vital for your success. If you have internet issues or other obstacles, notify me before the 100% credit window closes.

Any part of this document is subject to change at the teacher's discretion without prior notice.

Acknowledgment Page – 100 pts

Please detach and return this syllabus' last page completed and signed to Mr. G by Friday, August 21, 2026, for 100 points. Late returns lose 10 points per week.

I have reviewed this syllabus with my parents. I understand all classroom procedures and expectations. I will be given 100 points for returning this page on time fully filled out. Any missing information will be penalized with 5% of the 100 points.

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I (Student's Name printed) _____ AGREE to FOLLOW ALL THE LISTED ABOVE RULES and PROCEDURES and WILL KEEP THIS SYLLABUS for FUTURE REFERENCE.

Student's Signature _____ Class Period _____ Date _____

To Parents/Guardians:

Please read this Syllabus with your child. Ensure your child understands the classroom expectations, rules, and disciplinary consequences for inappropriate behavior.

Contact me anytime by e-mail (ridelto.gutierrez@cmcass.net) or phone if you have questions or concerns. Thank you for your support and interest in your child's education.

I (Parent's/Guardian's Name printed) _____ have read and discussed the Syllabus with my child. My child will abide by all the rules and procedures contained therein. I am aware that my child will have homework every week, beginning in Week 2 and due in Week 3 (Aug 23–26), and continuing weekly thereafter.

Parent's/Guardian's Signature _____ Date _____

Parent's/Guardian's Contact phone number _____

Parent's/Guardian's E-mail address _____

*You will receive 100 points for completing this page on time and accurately. Late returns lose 10 points per week. **The deadline is August 21, 2026.***

A copy of this document is available in my Google Classroom folder and linked on my teacher's school page.

Precalculus Honors Teacher.

*Instructor: **Ridelto Gutiérrez***

Planning Period: 4th Period

E-mail: Ridelto.Gutierrez@cmcass.net