

# AP Calculus 2024-2025

Mrs. Johnson

Welcome to AP Calculus with Mrs. Johnson!! I'm sure you already know the importance of math and I'm excited to help grow your mathematical knowledge. My hope is that you and I will work together to make AP Calculus your favorite class!

## Contact Information

- Email is the best way to contact me. My email address is [johnsoe@gcsnc.com](mailto:johnsoe@gcsnc.com).
- To receive important announcement through Remind, please text **@calc4rhs** to 81010
- To call or text, please use GOOGLE VOICE: (336) 283-3148

## Course description:

AP Calculus AB is an introductory college-level calculus course. Students cultivate their understanding of differential and integral calculus through engaging with real-world problems represented graphically, numerically, analytically, and verbally and using definitions and theorems to build arguments and justify conclusions as they explore concepts like change, limits, and the analysis of functions.

## Course materials:

- We will use graphing calculators if you do not have one you will have an opportunity to check one out.
- We will use Flipped Math, AP Classroom, and the Calculus textbook (Sullivan Miranda)
- ***Students will need a binder for materials given in class.***

Quarter Grades are weighted as follows:		Grading Scale:	The final grade for the class will be calculated as follows:	
Tests	60%	A 100 – 90	<b>First Quarter</b>	<b>40 %</b>
Assignments (homework/classwork)	10%	B 89 – 80	<b>Second Quarter</b>	<b>40 %</b>
Quizzes	15%	C 79 – 70	<b>Final Exam</b>	<b>20 %</b>
FRQs	15%	D 69 – 60		
		F ≤ 59		

## Classroom Policies:

- The following **Ragsdale Schoolwide Policies** guide all Math Department Policies and are posted on Canvas and in the classroom
  - 15/15 Rule
  - Bathroom Policy
  - Tardy Policy
  - Electronic Policy
  - Dress Code
  - Skipping and Campus Safety Policy
  - Attendance Policy
- Highlights from the above policies:
  - All students will remain in class for the first and last 15 minutes of class.
  - Only 1 bathroom pass will be issued at a time
  - Phones remain in backpacks throughout class (including bathroom visits).
  - Students are tardy at 9:15 am
  - A student's midriff (stomach) and undergarments (underwear) should not be visible
  - Coming to class 5 minutes late is considered skipping, not tardy.
- Additional classroom policies:
  - As you enter class:
    1. Place laptop, workbook and binder on desk.
    2. Secure all other items (including phones) in backpacks
    3. Place backpacks in designated areas.
    4. Begin working on Daily Warmup

**Canvas Information:** Canvas pages will include assignments that will be graded and any additional resource items you deem necessary. Grades are updated weekly (at least 2 grades per week) in **PowerSchool**.

**Academic Dishonesty/Cheating:** Any student who engages in or attempts to engage in cheating, plagiarism, falsification, violation of copyright laws, or violation of computer access shall be subject to disciplinary action based on the GCS Code of Conduct. Parents will be contacted.

**Missed Work:**

- In the case of **excused absences**, short-term out-of-school suspensions, and absences under G.S. 130A-440 (for failure to submit a school health assessment form within 30 days of entering school), the student will be permitted to make up their missed work. Assignments missed due to participation in school-related activities also are eligible for makeup by the student.
  - General guidelines are that students are provided at least the total number of days missed plus two additional days to make up assignments.
- In the case of **unexcused absences** or if students are present in class at time assignments are due but fail to turn in work, the late-work policies determined by teacher will be followed.

**SmartPass:** This year Ragsdale is one of several schools implementing SmartPass. SmartPass is a digital system that allows our school to monitor hallway traffic and get real-time information about all the students in the building that are out of class. SmartPass 1) helps control the flow of students and ensures students get the most out of the school day, 2) streamlines school processes, improves safety and security, and helps manage student movement, and 3) reduces disruptions so that teachers can focus more on teaching and students can maximize their learning times.

**Test Make-up times and tutoring** – Peer Tutoring is on Tuesday afternoon in the Media Center. In addition, I will be available on Thursday mornings at 8:15 for tutoring sessions and make-up tests. Outside of this time, special arrangements can be made for extra help or to make-up a test.

**Tests:** We will have a test at the end of every chapter that will be cumulative. Problems will be similar to the ones you do in class and at home. There will be a mixture of short answer/FRQ and multiple-choice. Partial credit will be awarded where applicable.

**Quizzes:** There will be quizzes each unit that will help students formally check their understanding of the material covered in the unit to that point.

**Homework:** You will have a homework assignment every night. Not all homework assignments will be graded.

***Successful students take homework seriously. Homework is a learning opportunity and provides necessary practice to gain mastery of the material. Not doing homework or doing it after the due date is a warning signal that you are getting behind.***

**COOPERATIVE LEARNING (partners, groups)** – You will work daily with partners and groups. You are expected to actively participate in every activity with partners/groups. You are responsible for your contributions to discussion and work. As a group you are expected to make sure everyone learns material. Unless you are taking an assessment or instructed not to, you should always try to ask and answer questions in your group before asking Mrs. Johnson

**Classroom Norms**

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| 1. All RHS and GCS rules are always in effect.                       | 4. Stay focused.  |
| 2. Be on time. GET IN AND GET STARTED!                               | 5. Be respectful of self, peers, adults, and property.        |
| 3. Be an active participant. You are responsible for your learning!! | 6. EVERYONE IS CAPABLE! EFFORT IS NOT OPTIONAL!!              |
|  | 7. Silence all electronic devices and keep them out of sight. |

**No student will be allowed to infringe upon the personal or academic rights of another student. Each student is responsible for exercising self-control and discipline in the classroom. Good manners are expected at all times!**

**We are better as a TEAM!**