

AP Calculus AB Syllabus - Hillcrest High School

Phone: 205-342-2800

Website: www.hillcresthigh.tcss.net

Teacher	Email	Remind Text Messages	Prep Period
Karla Moore	kmmoore@tcss.net	Text @d9cdk3to 81010	3 rd Period 9:50-10:40

COURSE DESCRIPTION AND PREREQUISITES

AP Calculus AB is designed to be a rigorous course that will lay a strong foundation to give students the knowledge to succeed in future mathematics courses. Students will need to work diligently to have success in the course. This course emphasizes a multi-representational approach to calculus with concepts and problems being represented graphically, numerically, analytically, and verbally. There will be four major ideas taught during the year: limits, derivatives, indefinite integrals, and definite integrals. As these concepts are developed, technology will be integrated into the topics and numerous applications will be discussed in detail.

EXPECTATIONS

Be Prompt
Be Prepared
Be Responsible
Be Productive
Be Polite
Be Respectful

WHAT TO BRING

- A three-ring binder with loose leaf paper
- Pencils and highlighters
- Graphing calculator
- 1 pack of white copy paper or colored copy paper
- Calculus Textbook (Finney 4th Edition)

CELL PHONE/ ELECTRONIC DEVICES

- Technology can be a valuable educational resource.
- Students may ONLY use cell phones and electronic devices at SPECIFIED times with the teacher's permission.
- If used inappropriately, consequences stated in board policy will be enforced.

FOOD & DRINK

Please eat before or after class. Eating will not be allowed during class. No cups in class- only bottles with lids.

ATTENDANCE & MAKE-UP POLICY

- Attendance is very important to successful completion of the course and AP exam scores. Students must bring a written excuse within 2 days of their absence to make-up work. After 5 absences per term students must have a medical or legal excuse. All Tuscaloosa County School Board policies, school policies, and classroom rules will be followed.
- A student with an excused absence is responsible for collecting any missed assignments, copying missed notes from a classmate and scheduling makeup tests within 2 days of returning to school. Times for making up a missed test or quiz need to be discussed with the teacher. Students who miss class due to school functions such as ball games, club activities, field trips, class meetings, etc. are responsible for getting their assignments before their absence. Students with unexcused absences will NOT be allowed to make up work or exams.

GRADING AND EXEMPTION POLICY

- Grades will be based on various methods of assessment. These methods include, but are not limited to, tests, homework, classwork, quizzes (announced and unannounced), daily warm-ups, class participation, notebook checks, writing assignments, and projects. Grades will be figured on a total points basis. The total number of points earned will be divided by the total number of points possible.
- A comprehensive nine weeks exam covering all material from the first day will be administered at the end of the first three grading terms and will count for 10% of the nine weeks grade. A comprehensive final exam covering the entire year's material will be administered at the end of the fourth grading term and counts as 20% of the overall final course grade

HELPFUL RESOURCES

- College Board Website:
www.apcentral.collegeboard.com
- Khan Academy: www.khanacademy.com
- Mrs. Moore's CANVAS page (please email her to join)

PARENTAL CONTACT

Email (kmmoore@tcss.net) is usually the quickest way to contact me, but you can also contact me by phone (342-2800) whenever you have a concern. My prep period is 3rd period.

HOMEWORK GUIDELINES

1. Use a PENCIL to complete assignments.
2. Show all necessary steps. Work should be NEAT and EASY TO FOLLOW
3. Collaboration is encouraged; however, all students should work out problems on their own and not just copy someone else's work.
4. Start homework assignments early. You will have at least two days to complete all assignments.
5. Even if a problem is tricky, do as much work as you can. Some work is better than no work.

TUTORING/MAKE-UP SESSIONS

Mrs. Moore will be glad to help you before or after school. Please set up a time with her.

HHS Code of Academic Honor and Integrity

Established 2016

Statement of Purpose

At Hillcrest High School, we build excellence one Patriot at a time by conducting ourselves with honor in all aspects of academic and personal life. This code is established to foster an authentic learning culture where teachers and students seek academic, social, and personal integrity.

Mission Statement

Building Excellence, One Patriot at a Time.

Honor Statement

As a Hillcrest Patriot, I have neither given nor received inappropriate aid on this assignment or test.

Honor Pledge

As a Hillcrest Patriot, I pledge to conduct myself with integrity by upholding the principles of the Honor Code.

EVERY DAY IS A GOOD DAY TO LEARN SOMETHING NEW!

CLASS RULES

1. Be seated and working on warm up when the tardy bell rings. Tardiness will not be tolerated.
2. Bring supplies to class every day.
3. Follow all instructions given to you by the teacher.
4. Do not ask for a pass out of class.
5. Listen attentively when someone is speaking to the class. Do not create a class distraction.
6. Have good manners and show everyone respect. Always have a positive attitude in class.
7. Please remain seated until the bell rings at the end of the period. Do not stand by the door.
