

Advanced Placement Calculus AB
Syllabus and Class Expectations



MR. SHAWN WHITE

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ROOM: 2203

COURSE DESCRIPTION

Advanced Placement Calculus AB is a year-long course founded upon the standards and objectives as outlined by the College Board. Students will develop an understanding of a range of advanced mathematical topics including limits, derivatives, and integrals. Students will also be afforded class-time each day to practice their mathematical skills.

UNITS OF STUDY

Unit 1: Limits and Continuity (10-12%)

Unit 2: Differentiation: Definition and Fundamental Properties (10-12%)

Unit 3: Differentiation: Composite, Implicit, and Inverse Functions (9-13%)

Unit 4: Contextual Applications of Differentiation (10-15%)

Unit 5: Analytical Applications of Differentiation (15-18%)

Unit 6: Integration and Accumulation of Change (17-20%)

Unit 7: Differential Equations (6-12%)

Unit 8: Applications of Integration (10-15%)

GRADING POLICY: Per Houston County Board of Education policy, each student's average will be calculated as follows:

- Major Assessments (Tests) = 45%
- Minor Assessments (Quizzes) = 20%
- Daily Work (Classwork/Homework Assignments) = 15%
- Final Exam = 20%

INFINITE CAMPUS: Student grades can be easily monitored by checking Infinite Campus regularly. Parents and students have access to Infinite Campus.

CANVAS: Students will use Canvas to access assignments, communicate with teachers and classmates, check grades, and keep track of important dates and announcements.

HOMEWORK POLICY: Daily practice is essential for success in math. Students must attempt all assigned problems to earn full credit (100). If they need help, they must ask before the due date. Incomplete homework earns zero.

AP CLASSROOM POLICY: AP Classroom is a required part of AP Calculus and will be used regularly for practice questions, videos, and progress checks to support learning and exam preparation. Students must complete all assignments by the due date and are expected to do their own work. Participation in AP Classroom helps identify strengths and areas for growth, and students are responsible for reviewing feedback and using it to improve. A College Board account is required to access the platform.

DELTAMATH POLICY: DeltaMath will be used throughout the year for additional practice, skill reinforcement, and homework assignments. Students are expected to complete all assigned tasks by the due date to receive full credit. Assignments aim to build mastery through repeated practice and instant feedback, encouraging students to revise and retry problems. Consistent use of DeltaMath strengthens skills and supports AP Exam success.

CHROMEBOOK STATEMENT: "All students are issued a district-provided chrome book for instructional purposes, student engagement, and student learning. Chrome book use is at the direction and discretion of the classroom teacher."

TEST RETAKE POLICY: Students may retake one test per semester. Tests will be scored using an AP-style scale—not curved based on class performance. To qualify for the scaled score, students must complete the review and test corrections within the given deadline.

MOCK TEST: Students will take a full-length practice AP Calculus exam in one sitting during the school day. The date will be scheduled in the spring.

AP CALCULUS AB EXAM: This exam, administered by the College Board, is recognized by most colleges and universities for potential course credit and/or advanced placement. This course is designed to fully prepare students for success on the exam. All students are expected to take the AP Calculus AB Exam on **Monday, May 11, 2026**.

QUIZZES: Students can expect to take at least three quizzes or more per week to maintain consistent practice, reinforce key concepts, and monitor their understanding of material in preparation for unit tests and the AP exam.

TEST POLICY: Students need to put away all smart watches during testing. Additionally, bookbags will be placed in front of the classroom for major assessments.

TUTORING: I will be available Monday and Wednesday mornings from **7:20-7:50**

MATERIALS: Students are expected to come to class prepared each day with their own materials, including pencils/erasers, a 3-ring binder, and a TI-84 calculator.

IMPORTANT AP REGISTRATION DEADLINES:

-August 22, 2025 - Deadline for students to join all AP classes on the College Board website

5th Period Join Code: 2GRV6M

7th Period Join Code: 3JA2PZ

-October 24, 2025 - Deadline for students to register for AP exams on the College Board website.

*Students are responsible for resolving any issues with their College Board accounts. These cannot be fixed by school staff. Help Line for Students and Parents: 1-888-225-5427

- "I understand that I, as an AP student, am responsible for registering online for my exams. Failure to do so will mean that I am unable to participate in AP testing for this course during the current school year.
- "The school is responsible for meeting College Board deadlines regarding testing registration. Once I have chosen to test/not test and submitted my registration through the College Board website, I am responsible for any fees incurred should I later change my decision."

AP EXPECTATIONS

- Take ownership of your learning. You are responsible for staying organized, managing your time, and completing all assignments on time without being reminded.
- Be present and engaged every day. Attendance is crucial. You are responsible for making up any missed notes, assignments, or assessments when absent.
- Complete all practice and homework thoroughly. These are designed to strengthen your understanding. Skipping practice weakens your readiness for class and the AP Exam.
- Review and study regularly. You are expected to review notes, rework problems, and seek clarification before assessments, not just the night before.
- Ask for help when needed. It is your responsibility to speak up when you're confused, attend help sessions, and use resources like AP Classroom and Khan Academy.
- Demonstrate academic integrity. Your work must reflect your own understanding. Cheating or copying will not be tolerated and will have consequences.

CLASSROOM EXPECTATIONS

CLASSROOM RULES

1. Bring all supplies to class every day.
2. Sharpen pencils before class starts.
3. Use the restroom before class or last 10 min.
4. Stay seated during instructional time.
5. No food or drinks in class.
6. Leave other student's property alone.
7. Do not ask for a pass during instructional time.
8. All student handbook rules apply as well.

CONSEQUENCES

If any student should fail to comply with the classroom rules, he/she will receive:

First: Reminder of classroom expectations

Second: Parent contact

Third: Office referral

PLEASE RETURN THIS PAGE

Advanced Placement Calculus AB Mr. Shawn White

Student Name (Print) _____

Period _____

Parent/Guardian Name _____

Number _____

Parent/Guardian E-mail Address _____

Parent/Guardian Signature _____

Student Signature _____

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By signing above I acknowledge that I have received, *read and understand all the objectives, student expectations, classroom rules and procedures, grading policy, disciplinary consequences, calculators, and tutoring information in the syllabus for the Advanced Algebra 2 course.*

Parent/ Guardian, please include your email address and the single best phone number at which to contact you between 7:30-3:30.