

AP Calculus AB is a course for mathematically mature students who are majoring in the sciences or mathematics. The course goals are for the student to work with functions represented in a variety of ways: graphical, numerical, analytical, or verbal, and to understand the connections among these representations. Students should understand the meaning of the derivative in terms of a rate of change and local linear approximation and they should be able to use derivatives to solve a variety of problems. The student should understand the meaning of the definite integral both as a limit of Riemann sums and as the net accumulation of change and should be able to use integrals to solve a variety of problems. The student should understand the relationship between the derivative and the definite integral as expressed in both parts of the Fundamental Theorem of Calculus. The student should be able to communicate mathematics both orally and in well-written sentences and should be able to explain solutions to problems. The student should be able to model a written description of a physical situation with a function, a differential equation, or an integral; use technology to help solve problems, experiment, interpret results, and verify conclusions; determine the reasonableness of solutions, including sign, size, relative accuracy, and units of measurement; and develop an appreciation of calculus as a coherent body of knowledge and as a human accomplishment. Students in the course are highly encouraged to take the AP Exam in May.

**OFFICE HOURS AND CONTACT INFORMATION**

**Phone: (209) 832-6600, extension 4122**

Office hours: Before school from 8:20 - 8:45, and after school from 4:00 - 4:30 pm. Parents are also able to communicate with Mr. Qayumi throughout the week. The fastest way to reach the teacher is by e-mail ([eqayumi@tusd.net](mailto:eqayumi@tusd.net)).

**RULES**

Students are expected to follow these guidelines:

- A. Practice common courtesy:
  1. Listen when others talk.
  2. Use time wisely.
  3. Primp in the restroom, not in the classroom.
  4. Treat others and their belongings with respect. School materials belong to us all, so respect the rights of others to a clean, safe environment.
- B. Come to class prepared to work. You are expected to make use of passing periods and breaks to visit the rest room. You are allotted a limited number of rest room passes per **semester** – use them wisely. No restroom passes will be available during the first 10 or last 10 minutes of the period.
- C. Be on time (in your assigned seat when the bell rings). The Kimball High tardy policy will be strictly enforced.
- D. All other school rules will be observed. Gum is not permitted anywhere on campus. Hats, food, and drinks are not permitted in the classroom. **Cell phones must be turned off and kept out of sight.**

**BEHAVIOR**

You are expected to follow all school and class rules, complete daily homework, write legibly, come to class prepared, ask relevant questions, and do your best to learn. Help is available if you are having difficulty, just ask. The table shown outlines the consequences should you choose to behave in a manner inconsistent with the school or class rules and expectations:

1st	Warning
2nd	Seating change/Name on board: Additional problems (parent contact)
3rd	Referral (Remain in class)
4th	Alternate Placement (a different classroom/teacher)(Parent Conference)
Severe	Referral to administration

**SUGGESTED MATERIALS**

The curriculum requires that you engage in creative learning activities in and away from the classroom. To be prepared for this responsibility, the following list of supplies will be helpful. While you may not use each of these items every day it would be prudent to carry them.

- pencils (preferably mechanical)
- eraser(s)
- colored ink pen (for making corrections, any bright color)
- small white board marker, black (two)
- college ruled paper
- 1.5" binder or a separate section in a larger 3-ring binder
- ruler
- graph paper
- Ti-84+ graphing calculator

**It is highly recommended that students have their own Ti-84+ graphing calculator (\$100 value).**

**TEXTBOOK/LAPTOP MANAGEMENT:**

The rules here are basic: *If you break it, you buy it.* In other words, the textbook or laptop that you are using belongs to Kimball High School and is under your care for the school year. If anything happens to the textbook or laptop, you are responsible for its replacement. Please do not tear out pages, highlight, write in or cause any other damage to the book or laptop that would prevent another student from using it in the future.

## GRADING POLICIES

- **Regular attendance is imperative** due to the pace of instruction, frequent in-class activities, and group discussions that cannot be duplicated outside of the classroom. Poor attendance results in less learning and lower grades.
- **It is the student's responsibility to make up all assignments missed** due to excused absences. All assignments will be posted on [qayumi.weebly.com](http://qayumi.weebly.com), and in order not to fall behind, it is highly recommended that they have their work completed upon return.
- For **pre-arranged absences** (field trips, travel-study, and science camp), **the student must ask for the work ahead of time**, complete the work while absent, and turn the assignments in on the day the student returns to school.
- Work missed due to unexcused absences, while it should be completed, may not be accepted for full credit. Students will be able to make up any assessments missed.
- **Late work in AP Calculus will not be accepted.**
- If you are sent to another classroom, you are expected to complete the day's assignment and turn it in by the beginning of the next class period.
- **Cheating**, the use or submission of another's work as your own, in any form, will not be tolerated -- you will receive a zero on the assignment, given a referral, and a parent conference will be held.
- Grades will be entered into the school computer database at weekly or bi-weekly intervals.
- **TA's** are expected to get to class on time, and work on the assigned task for the day. If no task, they can do their own work.
- **I will provide work to any student who has been suspended for two or more school days upon the request from the student, parent, legal guardian, or other person holding the educational rights of the student. Work must be returned by the student either upon the student's return to school or within the time frame prescribed by the teacher, whichever is later.**

<p>Quarter grades will be determined by the percentage of points earned to points possible. Assignments are categorized as applicable (classwork, homework, quiz, test, et cetera) and graded on predetermined points based on the assignment.</p> <p>In a quarter approximately 60% of the grade will come from assessments (tests and quizzes). The remaining 40% will come from other work: classwork, homework, projects, etc.</p> <p>Semester grades will be calculated as the weighted percentage of the quarter grades and the semester exam with quarter grades counting 40% and the semester exam counting 20%. Letter grades are assigned to percentages according to the scale shown. Grades will be calculated to the nearest whole percentage.</p> <p><b>Quarter will be weighed the following:</b></p> <table style="margin-left: 40px;"> <tr> <td>Homework: 12%</td> <td>Classwork: 23%</td> </tr> <tr> <td>Quiz: 25%</td> <td>Test: 40%</td> </tr> </table>	Homework: 12%	Classwork: 23%	Quiz: 25%	Test: 40%	<p>Breakdown of semester grades:</p> <p>First/Third quarter - 40%</p> <p>Second/Fourth quarter - 40%</p> <p>Semester Final Exam - 20%</p> <p>40% + 40% + 20% = 100%</p> <table border="1" style="margin-left: 40px;"> <tr> <td>A*</td> <td>100 - 90</td> </tr> <tr> <td>B</td> <td>89 - 80</td> </tr> <tr> <td>C</td> <td>79 - 70</td> </tr> <tr> <td>D</td> <td>69 - 60</td> </tr> <tr> <td>F</td> <td>59 - Below</td> </tr> </table>	A*	100 - 90	B	89 - 80	C	79 - 70	D	69 - 60	F	59 - Below
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### HOMEWORK: BOARD POLICY 6154

- Homework reinforces student learning to meet state and district standards
- Homework is planned, systematic, selectively checked and graded
- Homework is clear, specific and relevant
- Homework is a combination of skill reinforcement and exploration
- Long-term homework assignments will have checkpoints for completion and while students may work on them over holidays and weekends, ample time will be allowed to complete them during the week and prior to holidays
- Homework will be reviewed in class and returned in a timely fashion
- Per night, 9-12 students will typically average two hours of homework. 9-12 students may be given limited homework on holidays and weekends to meet course objectives and acquisition of skills. Students in advanced classes may receive more homework, including summer reading.
- Unfinished classroom work may be sent home to be completed but should not be required in addition to homework. Unfinished classroom work can be done at recess and after school.
- Regular reading at home on a nightly basis is encouraged but not required in addition to the assigned homework.

### KIMBALL HIGH TARDY POLICY

**Students are expected to be in their seats, ready to work, when the bell rings. You will not receive extra time for the opening quiz or bell work and are not allowed to make up these assignments if missed because of a tardy.**

**This applies to the tardies combined from all classes in the duration of a quarter!**

Tardy 1-4: Auto Dialer Home

Tardy 5: Conference with Assistant Principal

Tardy 6-9: Auto Dialer Home

Tardy 10: Discipline and Attendance Review Team (DART) Contract

Tardy 10-14: Administrative Detention

Tardy 15+: Activity Restriction (clubs, sports, games, etc.)