**2012-2013 Syllabus for Mr. Qayumi (**[**eqayumi@tusd.net**](mailto:eqayumi@tusd.net)**) AP Calculus AB** [**http://qayumi.weebly.com**](http://qayumi.weebly.com)

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: daily 8:00 - 8:25 am and after school from 3:45 - 4:30 pm. Parents are also able to talk to Mr. Qayumi during his preparation period, which is 2nd period (Tuesday – Fridays from 9:34 am to 10:39 am). The fastest way to reach the teacher is by e-mail.

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| **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.  The teacher consequence for tardies requires students to sign Mr. Qayumi’s Tardy Form immediately upon entering the classroom. |
| 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**

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| 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 |

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| 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: |  |
| **REQUIRED 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 required. 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 |
| **A Ti-84+ graphing calculator is Required for the course ($100 value).** | |

**TEXTBOOKS**: Take good care of your textbook(s). You are responsible to return the book in the same, if not better, condition than when you have received it. **This means no marking whatsoever in the books.**

**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. Arrangements must be made with the teacher the day the student returns to school.
* 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 (including off-campus suspension), while it should be completed, will not be accepted for full credit.
* **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 and a parent conference will be held.
* Grades will be entered into the school computer database at weekly intervals.

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| 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.  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.  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.  \*Note: due to the importance of progress on the California Standards, an additional requirement for a grade of “A” will be completion of all formative assessments (“District Assessments”) and a score of 75% or better on at least 75% of these assessments. | Breakdown of semester grades:  First/Third quarter - 40% Second/Fourth quarter - 40%  Semester Final Exam - 20%  40% + 40% + 20% = 100% |
| |  |  | | --- | --- | | A\* | 100 - 90 | | B | 89 - 80 | | C | 79 - 70 | | D | 69 - 60 | | F | 59 - Below | |

**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.**

Tardy # 1 and 2 – Sign tardy sheet (located on back door). Don’t let it happen again!

Tardy #3 and 4 – Sign tardy sheet. It happened again….!? 10 minute detention after school for each offense where student may be asked to

clean room, clean board, etc…. Parent contacted.

Tardy # 5 – Sign tardy sheet.

Assigned 30 minute detention. Teacher-Parent contact.

1. Student takes completed detention form. (Original to teacher. Copy to student.)
2. Must serve detention within two days.
3. Get detention form stamped by detention teacher.
4. Stamped form must be returned to teacher who assigned detention. Teacher sends form to AP secretary for filing.

Tardy # 6 – In House suspension assigned by the AP. Parent contact by AP.

Tardy # 7 and higher – At home suspension assigned by the AP. Parent contact by AP.

Complete the form below and return it to Mr. Qayumi by Friday, August 17th, 2012

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| Student’s Name: |  | |  | | |
|  | First name | | Last name | | |
|  |  | | |  |  |
| Period in Mr. Qayumi’s class | | |  | | --- | | 1st □ 3rd □ 4th □ 5th □ 6th □ | |  | | | | |

**By signing below, you are indicating that you have read and understand the information contained in the Syllabus for Mr. Qayumi’s class, 2012-2013**

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| **Student’s** **signature**: |  |  |

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| Primary parent’s (or guardian’s) information | |
| Name: |  |
| Work phone number: |  |
| email: |  |
|  | Also, at your earliest opportunity, please email Mr. Qayumi ([eqayumi@tusd.net](mailto:eqayumi@tusd.net)) from your preferred email address. |
| **Signature**: |  |

Preferred method of contact: (circle one) E-MAIL / PHONE. If phone, phone #: (\_\_\_\_\_\_)\_\_\_\_\_\_-\_\_\_\_\_\_\_\_

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| Secondary parent’s (or guardian’s) information (if any) | |
| Name: |  |
| Work phone number: |  |
| email: |  |
| **Signature**: |  |

Preferred method of contact: (circle one) E-MAIL / PHONE. If phone, phone #: (\_\_\_\_\_\_)\_\_\_\_\_\_-\_\_\_\_\_\_\_\_

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| YES |  | NO |  |

Does your child wear glasses? (Check one)

**Do I have permission to post class pictures of your child on the class website?**

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| YES |  | NO |  |

(Please mark one)

(Optional) Any additional comments or information will be greatly appreciated:

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