

Tracy High School Math Department
AP Calculus AB Course Syllabus
2016 - 2017

Mr. Kalis

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Office Hours: afternoon office hours vary by coaching season

Course Description

AP Calculus AB is an advanced mathematics course that covers the Advanced Placement curriculum in AB Calculus. At the end of the course, students may sit for the Advanced Placement Calculus Test. This course will be taught as a college-level course.

Course Outline

The first part of this course introduces students to derivatives and applications of the derivative. The second part of the course introduces the rules for integrating standard elementary forms, the definite integral, and application of the definite integral. During the third part of the course we will focus on preparation for the AP Calculus exam by working on real life applications of Calculus and released AP Calculus exam questions.

Recommended Materials:

- Covered Calculus textbook (Students will use the assignment board or my website to determine if the book is needed on upcoming days.)
- Lined paper, Graph paper, pencil, eraser, colored pencils/pens, highlighters

*Graphing Calculators are required for parts of the AP Calculus exam, and thus will be required for parts of this course. There are many fine calculators. I will probably be teaching to the TI-84 family of calculators but we might also use an HP Prime calculator for parts of the course. Students are highly encouraged to purchase a calculator for personal use.

Rules and Expectations (TA's must also follow these)

Respect my right to teach and students' rights to learn. I will, therefore, not tolerate student behavior that keeps this from happening. Class expectations include, but are not limited to:

- Students will pay attention, follow all directions, and stay on task
- No food, drinks, gum, or **glitter** is allowed in the classroom (water is okay)
- Hats and sunglasses will be removed before entering the classroom
- No profanity or inappropriate comments are allowed
- Cheating is a serious offense and will be dealt with according to the student handbook
- All school rules apply (please read the new board approved cell phone policy)
- Cell phones and other electronic devices will be turned off and out of site before entering the classroom and during class unless otherwise instructed by the teacher. During tests and quizzes cell phones must be turned off and cannot be on the person.
- TA's are expected to be helping me or working on academic material during all class time

Behavior Steps and Consequences:

If a student chooses to break a rule, appropriate action will be taken. Depending on the severity of the infraction, this could include a verbal reprimand, detention, call to parent, and/or a referral to the Assistant Principal.

Property Damage Policy:

Destruction of property is a very serious offense. Writing, tracing, scratching, etc. on desks, walls, and others items in the room, or other types of property damage, will result in an immediate referral to the Assistant Principal for destruction of school property. It is your responsibility to check your desk at the beginning of each period for damage. If damage is found during your period, you will be held accountable for it.

Attendance/Tardy Policy:

Every instructional minute counts and student tardiness interferes with the learning process. Please be respectful of your teacher and fellow classmates and be on time to class. Tardy students will not be given any extra time to finish assignments, quizzes and tests. Every student will sign in the tardy log regardless of whether the tardy is excused (usually with a note from another teacher). The tardy log will be used to verify attendance mistakes. The school tardy policy outlined in the student handbook will be enforced.

Make-up/Late Work Policy:

Students will have the same number of days that they were absent from school to make up their work for an excused absence. Students will not be allowed to make up work missed if an absence is unexcused. Students have 3 school days to make up a Test or Quiz. Students are responsible for scheduling their make-up Test/Quiz. **Late work and work from unexcused absences (Ed Code 48205) will not be accepted.** Suspended students must contact Mr. Kalis **prior** to serving their suspension to discuss if make-up work will be accepted.

Grading Policy:

Your Calculus quarter grade will be determined according to the following percentage basis: (weighted grading)

- 90-100% A
- 80 – 89% B
- 70 – 79% C
- 60 – 69% D
- 0.0 – 59% F

Your semester grade for Calculus will be determined as follows:

Assignments - 30%

Tests/Quizzes - 45%

Semester Exam - 25%

Any student with a progress report grade less than an 80% will receive an “In Danger of Failing” on his or her progress report. TA’s will be graded based on participation and efficient use of time. TA’s are expected to work on school assignments when not given a task.

Parent Link/Homework/Assignment collection:

I will be following Board Policy 6154 in regards to homework. Students will be expected to complete daily practice assignments (homework when not completed in class) and check those assignments for accuracy while working. I will update the parent link daily. Parents and students are highly encouraged to use Parent Link to track their grades.

Bathroom Pass Policy:

Below are your bathroom passes for the entire year. You will receive 2 passes per quarter. Do not lose these, as they are the only copies you will receive. Passes are usable at my discretion. Unused passes can be turned in for extra credit on the last day of class. I will deduct a bathroom pass each time a student asks if or when the passes will be collected.

Computer Use Rules:

1. I will never alter the computer Hardware/Software in anyway. This includes desktops, screensavers, control panel features and any other computer settings.
2. Computer games are never permitted unless they are for classroom use with teacher permission.
3. I will only use internet after teacher permission is obtained and then only for academic classroom purposes.
4. I will only install or download any software from the internet or any other source after teacher permission is obtained.
5. I will not visit unacceptable internet web sites or any public chat rooms.
6. I will only download from the internet after teacher permission is obtained.
7. I will only use the computer I have been assigned. I understand I must check the condition of the computer's condition at immediately at the start of the computer use time.
8. I will not use gum, food, or drinks (including water).
9. I will use technology for academic use ONLY!
10. I agree to follow the **Tracy Unified School District Acceptable Use Agreement (AUA)** for network and computer related resources

Computer Consequences:

This paper serves as a warning as to what is considered acceptable behavior in the computer lab. Other assignment related rules may apply as well, so pay attention when computer information is given during class. SEVERE INFRACTIONS MAY RESULT IN MORE SEVERE CONSEQUENCES including referral to the assistant principal, removal of computer use privileges and fines.

FIRST OFFENSE (or any gum offense): Warning and possible Zero on assignment with computer use privileges suspended for the day

SECOND OFFENSE: Zero on assignment, computer use privileges suspended for the Two Weeks and parent letter home describing offenses and consequences

THIRD OFFENSE: Referral to the Assistant Principal for conference and Zero on assignment, computer use privileges suspended for the Six Weeks and parent letter home describing offenses and consequences.

FOURTH OFFENSE: Referral to the Assistant Principal and removal of computer use privilege for the remainder of the school year.