

AP Calculus AB Disclosure Document 2020-2021

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Websites:

- Canvas
- www.afhscalculus.weebly.com
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Course Description: The objective of this course is to help students become familiar with and gain a solid foundation in Calculus concepts listed below, prepare students for the AP Calculus test, and for college level math. This course is a full year course. Students will not be allowed to drop without permission from their teacher, parent, counselor, and an administrator. This is also a college level math course. This class will be more rigorous and time consuming than previous math classes students have taken. It may require them to increase their study time and consider working with study groups or a tutor.

This course will include the study of the following concepts and topics:

- Limits and Continuity
- Derivatives and applications
- Differential equations
- Definite integrals and applications

Text: Calculus for the AP Course, 3e by Sullivan and Miranda

Materials Needed: (should be brought to class daily)

- **Graphing calculator is required.** We recommend a TI-Inspire CAS. The AP Calculus team has TI-Inspire CAS calculators for rent (\$10). These can be taken home, but are the responsibility of the student. If not returned in working condition a \$140 fee will be charged to the student's account. These are only rented to AP Calculus students. TI-Inspire CAS calculators can be used on the AP Exam, but cannot be used on the ACT test.
- Notebook or graph paper
- Writing utensil
- Textbook

Grading Scale: Grades are determined by weighted average of assignments and assessments.

- A 87% and above
- B 77% - 86.9%
- C 67% - 76.9%
- D 60% - 66.9%
- F 59.9% and below

Grading Policy:

- **65% SUMMATIVE ASSESSMENTS:** Summative assessments are a measurement of a student's understanding of a full quarter's content. One summative assessment will be given at the end of each quarter and will be cumulative for the entire quarter. This single

assessment is worth the majority of the student's grade, so it is important to prepare throughout the term by understanding homework, studying formative assessments, and reviewing the material prior to the summative assessment. **There will be no retakes for the summative assessment**, but students will have the option to complete a test analysis/corrections. This consists of re-doing all missed problems. **A test analysis does not put points back on the original test score but counts as a separate assignment.**

- **20% FORMATIVE ASSESSMENTS:** Formative assessments are designed to allow students to measure if they have a solid understanding of course learning objectives. Formative assessments will be given at the end of each unit. The purpose of the formative assessment is to help students prepare for the summative assessment at the end of the term. If you are absent on the day of the formative assessment, you will need to make arrangement to take it after school.
- **15% ASSIGNMENTS:** Assignments will be given daily and will be due before the next class period. All homework assignments will be submitted via Canvas. No hard copies will be handed in. Assignment information can be found on Canvas. If you are absent, it is your responsibility to be moving through the content posted on canvas and communicating with your teacher. Students are expected to submit homework with a score already written on them. ***NO RETAKES WILL BE GIVEN UNTIL ASSIGNMENTS FOR THAT UNIT ARE COMPLETE.***

AP EXAM: The AP exam is a very rigorous math test that will require a lot of preparation. Most of quarter 4 will be spent reviewing and preparing for the test. The AP exam is not a required test and students who have maintained a C average or above on unit exams are encouraged to complete quarter 4 and take the exam.

During quarter 4 there will be strict guidelines and policies to help students prepare for the exam. They will also be **required** to take a **full-length AP practice exam after school.**

Cheating: If you are caught cheating, you WILL BE GIVEN A ZERO. Use of a cell phone or other listening device during an assessment is considered cheating. Copying someone else's homework (or off the key) is considered cheating. Working together is encouraged, but don't confuse working together with cheating. Work given a zero for cheating cannot be made up including assessments.

Tutoring: All AB Calculus students will be required (for a grade) to tutor at the school's homework lab once per quarter. More homework lab information will come later. For calculus tutoring, Math Lab (led by a math teacher) will still be available, as well as receiving before or after school help from Miss Noble or Mr. Lewis.

Classroom Policies: Students are expected to...

- Follow the ***rules of behavior*** as outlined by the district and school.
- Be ***P.R.O.U.D*** to be a Caveman
- Come ***prepared*** for class everyday by bringing your materials.
- ***Listen*** carefully and follow all instructions.
- ***Internet accessible devices*** are allowed for classroom use such as homework, projects, etc. Off task devices, if used during class, will be taken and can be retrieved at the end of the school day.

Title IX and Title VI

American Fork High School complies with the requirements of Title IX of the Education Amendments of 1972 and Title VI of the Civil Rights Act of 1964. Therefore, no student shall be excluded from participation in , be denied the benefits of, or be subjected to discrimination on the basis of sex, race, color, national origin, religion, or disability.

Collegeboard Privacy Policy Notice: As students are preparing to take and pass the AP test in May, we will be using online resources published by the creators of the AP tests, College Board. Students will create an online account and will share information with the College Board whether or not they take the AP test at the end of the school year. You can review their privacy policy and terms of service at the following links (<https://about.collegeboard.org/privacy-policy>). Please let me know if you have questions or choose not to have students participate in the use of these resources.

*Disclosure document is subject to change as the needs of the students and class change. This disclosure is meant for a face-to-face classroom scenario. If circumstances change to be in an online learning environment, this document will be modified.

I have read the disclosure document above.

Signed,

Parent/Guardian signature

Date

Student signature

Date