

Each student who wishes to be recommended to take the AP Calculus AB examination *must* speak with me in person this week. Please access the following signin sheet and put your name in an appropriate slot. We will meet in groups of six. If you wish to attend a meeting that you have not signed up for, that is acceptable, but you must sign up for one of the slots on the shared spreadsheet. Do not add any slots.

AP Calculus AB Teleconference Signin Sheet

Access the teleconference as a Meeting in Microsoft Teams in the Chatroom channel at the appropriate time. Please have a microphone if at all possible; a camera is optional. We have a lot of work to do, and only two weeks left to do it.

Your AP exam will include 2 free response problems. The College Board is fairly consistent with respect to what types of problems appear on the exam, so for the next two weeks, I would like to focus on what seems to be the most likely things you will encounter. In order, these are

- Graphical: determining information from a graph, probably of the derivative of a function.
- Tabular: determining information from a table of information.
- Differential Equations
- Particle motion
- Related rates

Today, please do the following.

- Read the solutions and scoring guidelines for H0420 in document `HCalABx0420-SolutionsPlus.pdf`.
- You have two AP problems for homework today. Do at least one of them.
 - (a) Graph of a Derivative: H0421a in document `HCalABx0421a.pdf`.
 - (b) Related Rates: H0421b in document `HCalABx0421b.pdf`.

I will be going over these problem in our teleconferences today; if you print them ahead of time, you can take notes on them. You do not have to submit them.

- Come to Google Forms, checkin, and contribute your ideas. There is a poll as to your preferred time for our mock AP exam.