AP Calculus AB
Dr. Paul L. Bailey

Lesson 0422
Tuesday, April 22, 2020

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.

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

We will have a "mock AP exam" next week. Unless there is a strong reason to change this, the exam will be at Wednesday, April 29, at 1:00 PM. The format will be AP Classroom, two FRQs in 60 minutes.
    You will only have 45 minutes on the actual AP, but that will be after an additional week of practice.

Today I would like to you practice with AP Classroom. Its a particle motion question, I believe of the type that hasn't been eliminated for this year's exam (the ones with lots of integration are supposedly not on the test). Please go to AP classroom and do H0422. When you are done, checkin at

0422 AP Calculus AB Checkin

I have posted an optional homework problem, H0422c in document `HCalABx0422c.pdf`. We may go over this problem during a teleconference in Microsoft Teams Channel Chatroom at 9:00 AM today.