

Welcome to Honors AP Calculus AB at Morton High School!

Dear Students and Parents,

Mathematics is a discipline that constantly builds on previous knowledge. Students entering AP Calculus AB will be expected to recall and apply the material that they learned in previous courses. Calculus is the most challenging class offered by the Mathematics Department. It can also be the most rewarding. During this course you will be asked to look at functions in a whole new way.

Please join the Google Classroom for next year's AP Calculus AB course by using classroom code **Odmrofd**. Please join classroom by June 1st.

Once you have joined classroom you will find a folder inside the classroom folder titled *Summer Review*. Within that folder you will have review materials, including links to an online program called Delta Math, a list of parent functions you need to know, and information about Advanced Placement.

As an AP Calculus AB student, you have been given the opportunity of being issued your textbook prior to the end of the school year to help you as you prepare for the year ahead. You are expected to take good care of this textbook. Any lost or damaged book will need to be replaced, at a cost of the book, which is currently \$109.00.

You can find this cover sheet posted on the Morton High School website at <https://mhs.morton709.org/academics/math>. You will find a listing of all of our classes. Please select AP Calculus AB Honors Summer Review.

Please spend some time looking over these materials before attending class on August 14th. After a few days of review/instruction, there will be a 45 point test over the prerequisites on Monday, August 19th. The schedule for the first week is as follows:

Tue 8/13: Half Day

Wed 8/14: Questions on lines, parent functions, logarithmic and exponential functions

Thur 8/15: Questions on trigonometry, limits, and strategic use of graphing calculators

Frid 8/16: Last Minute questions

Mon 8/19: Chapter 1+ Test

Calculator Requirement: You may use either a TI-Nspire CX or a TI-Nspire CX CAS for the course and on the AP Exam. You do not need to buy a CAS, but if you one, you may use it.

If you have any questions, contact Mrs. Durand at rosie.durand@mcusd709.org.

Have a wonderful summer!
The Mathematics Department