

AP CALCULUS AB OPEN HOUSE

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****Please SIGN IN to Open House by completing the GOOGLE FORM (see board)****

SUPPLY LIST:

- **3 ring binder** with at least (7) dividers
- **Pencils** (*all assignments must be completed in pencil; #2 pencils occasionally required*)
- **Loose leaf paper** (*college or wide ruled*)
- Wi-Fi Capable Device for **BYOT** (*Students will need to bring their Chromebooks and Textbooks daily.*)
- **Ear Buds** for watching/listening to instruction videos
- TI-Nspire CX Graphing Calculators will be available for in-class use. (*Students could greatly benefit from owning their own calculators, but consult Math Department and/or desired college before making an expensive purchase.*)
- **Additional options:** graphing paper, **tissue and hand sanitizer to donate for class**, dry erase markers

TOPICS COVERED:

Start: August

Unit 1: Functions, Graphs, Limits & Continuity

Unit 2: Differential Calculus

Unit 3: Applications of Derivatives

End: December

Unit 4: Integral Calculus

Unit 5: Transcendental Functions

Unit 6: Applications of Integration

AP EXAM REVIEW during 2nd Semester (Advisory, etc)

TEXTBOOK, AP EXAM, RESOURCES, and EXPECTATIONS:

Textbook: Calculus of a Single Variable, AP edition, 10th edition, Houghton Mifflin, 2015.....Replacement cost **TBD**

AP Exam: **Students are expected to take the AP Calculus AB Exam on May14th.** The cost will be around \$94, but subsidies may be available.

Resources: Students will need to bring their Chromebooks and Textbooks daily.

Student Expectations: Calculus is likely to require a substantial investment of time. You should expect to work on calculus every night. One of the best ways to learn anything is to explain it to someone else...study groups encouraged!

Parent Expectations: This is a challenging college-level course, and regular class attendance is essential; likewise, the student must do his or her homework consistently. It is the responsibility of the student to keep up with the presented material. It can become a "mission impossible" to try and makeup neglected work, regardless of the reasons, so please encourage your child to seek help promptly should s/he encounter difficulties. Additionally, students should plan to participate in advisory, afterschool, and weekend practice sessions whenever possible. Some other activities may need to be curtailed in order to make room for calculus during this time.

SIGNING UP FOR REMIND (*formerly known as Remind101*)

- To receive REMIND messages via TEXT, text @seiglecalc to **81010**
- To receive REMIND messages via EMAIL, go to rmd.at/seiglecalc