Hello 2018-2019 AP Calculus Student,

*Calculus is a very doable course…*

*if you know all of your algebra, geometry, advanced algebra and precalculus!!!*

You will complete a summer assignment that reviews all the basic skills that you will need to know in order to be prepared for calculus. Option #1: Chapter 1 assignments from the calculus textbook can be found in Canvas > AP Calc Sum 2016 > Modules. Option #2: IXL PreCalculus topics that are listed below. Option #3: Do both for extra credit. This assignment will be due on the first day of school. There will be a test on chapter 1 during the first week of school.

**Based on the AP Calculus students of 2011-2012…**

*Students who spent a few hours each week and completed 90% or more of ALEKS (a similar online program) over the summer had a 100% passing rate on the AP Calculus Test.*

*Students who completed 60% or less of the ALEKS course over the summer did not pass the AP Calculus Test.*

*The maximum number of hours that any student logged over the summer was 40. This is an average of less than 5 hours a week.*

I will be at GKHS in the Career Center on most Wednesday mornings from 8-11am. My email is pmurray@bethelsd.org.

Have a great summer
Mr. Murray

---

Work each topic to a minimum Smartscore of 80. Anything above 80 will be considered extra credit.

**IXL Precalculus**

- A1-A16 Functions
- B1-B6 Families of Functions
- C1-C9 Quadratic Functions
- D1,D4,D5,D11 Polynomials
- E1-E3 Rational Functions
- F1-F17 Exp and Log Functions
- G1-G2 Radical Functions
- H1-H8 Roots and Rational Exponents
- I1-I10 Systems of Equations
- J1-J4 Systems of Inequalities
- M1-M17 Trigonometry
- N1-N9 Trigonometric Functions
- O1-O4 Trigonometric Identities