



## Summer Assignment for the 2019-2020 School Year

**Course:** Advanced Placement Calculus BC

**Textbook:** Larson, Ron, and Bruce H. Edwards. *Calculus*. 10e AP Edition ed. Belmont, CA: Brooks/Cole, Cengage Learning, 2014. Print.  
ISBN: 978-1-305-95287-4

Welcome to AP Calculus BC. This class will start the school year reviewing material learned in AP Calculus AB. While the class does build upon the material you learned this past school year in AP Calculus AB, our focus will be on going more in depth with some topics already covered (i.e. volumes of solids of revolutions, separation of variables, etc.) and new topics such as Taylor Polynomials, Relative Growth Rates, etc..

Your summer assignment is to review all the basic derivatives and integrals, rules of differentiation, and u-substitution to integrate. Please have the following problems completed for the first day of class.

### 2019-2020 AP Calculus BC Summer Assignment:

- ❖ Pg 393 1 - 77 every other odd
- ❖ Pg 503 1 - 13 odd
- ❖ Pg 238 1 - 89 every other odd