



Wiregrass Ranch High School AP Calculus Summer Assignments

Welcome to AP Calculus AB!

Listed below is the AP Calculus summer assignment information for the 2015-2016 school year.

Required books to be purchased by AP Calculus students:

- Ryan, Mark. *Calculus for Dummies*. 2nd Ed. Hoboken, NJ: Wiley Publishing, 2014.

Summer Assignments

1. Printout and read the AP Calculus syllabus (have printout for 1st day of school).
2. Printout the flash file titled CALCULUS FLASH CARDS 2015-2016. Construct the notecards per the instructions on the first page of the flashcard file. These cards will be due the Friday of the first week of class.
3. Read Chapters 1,2,4 and 5 from *Calculus For Dummies*.
 - a. As evidence that you have read this material you will be asked to show one of the following
 - i. the highlighted portions of the chapters (I will check you book)
 - ii. notes taken from the chapters
 - iii. flashcards for the material in the chapter
 - iv. in otherwords, I want you to use whatever method you would normally use to help learn the material presented in these chapters. If you have another preferred learning method please let me know and we can discuss. I will be checking the first day of school to make sure you have completed this assignment.
4. Print off the AP Calculus assignment “ARE YOU READY FOR CALCULUS 2015-2016”.
 - a. Please complete your work in pencil.
 - b. Show each step necessary to solve the problem – no work-no credit.
 - c. Aside from graphs or drawings, highlight your answers or put a box around them.
 - d. The completed assignment is due the Friday of the first week of school (yes, it counts as a grade)
 - e. There will be a quiz during the first two weeks of school based on this problem set.
 - f. DON'T WAIT UNTIL THE LAST MINUTE!

If you are having difficulties with any of the problems from the assignment you might want to use the following websites for help:

<http://patrickjmt.com/>

<https://www.khanacademy.org/>

<http://www.mathtv.com/>

If you cannot find help via the internet, check with your fellow classmates to see if they can help (this doesn't mean just copying their work). Finally, when all else fails, you can e-mail at tadams@pasco.k12.fl.us

Have a great summer and I look forward to a great year!

Mr. Adams