

Summer 2019

Textbook used for this class: Mrs. Miskowicz will give you access to the e-book.

Calculus of a Single Variable, Tenth Edition

Ron Larson - The Pennsylvania State University, The Behrend College

Robert P. Hostetler - The Pennsylvania State University, The Behrend College

Bruce H. Edwards - University of Florida

ISBN: 978-1-305-95287-4 © 2014 Published by Houghton Mifflin

Things to remember:

- The pace in Calculus BC is very fast. The syllabus prepared by the College Board does not permit a leisurely approach to the topics in the text. The AP test is administered at the beginning of May. Therefore, we must begin in summer.
- If you take notes in class, read and do the assigned work, all of your skills will improve dramatically. **You are expected to read the text** and apply the theory to the assigned problems. If you have difficulty with the assignments there are on-line resources including Slader and Cengage that may be helpful.
- Problems will be available in SHOWBIE. I will give the Showbie code to you before you leave for summer break.
- Write in pencil--this way your work can be edited. Erase mistakes. Write legibly. Display chapter number, section number, and problem numbers at the top of your paper.
- Submit the work at the beginning of the period on the date due. This summer work should be submitted on the first day of school.
- **Be prepared to take the Chapter 1 test on the first day of school**
- If you need to contact me in the summer, use this e-mail: cnowak@saintviator.com.

*******I will run a review session the day before school starts – please check my webpage and your email for details as we get closer to the opening of school*******

Section	Assignment	Additional Comments
1.1	p. 47 – 4, 5, 9, 10	This section is just a general overview. Don't get too caught up in it.
1.2	pp. 55-58 – 1, 3, 15-22, 51, 57, 63, 67-70	You are only responsible for the material on pp.48-51. KNOW : 3 ways a limit fails to exist
1.3	pp. 67-69 – 3, 9, 13, 35, 37, 39, 41, 43, 45, 55, 57, 63, 65, 67	We will not cover the Squeeze Theorem yet KNOW : Two Special Trig Limits on p. 65 AND how to use them (see examples 9,10)
1.4	pp. 79-82 – 1-6, 13, 27-30, 43, 47, 53, 63, 75, 91, 97, 99, 101	KNOW : 3 conditions for continuity Intermediate Value Theorem (IVT)
1.5	pp. 88-90 – 1, 3, 9, 15, 20, 29, 31, 37, 43	KNOW : Limit approach to vertical & horizontal asymptotes (we covered this in HPC)
AP Exam Practice Questions	pp. AP1-1 - 1-13	This will be your first exposure to AP Style questions.