

ADVANCED PLACEMENT CALCULUS

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Purpose of Assignments:

The purpose of this assignment is to have you practice the mathematical skills necessary to be successful in AP Calculus. All of the skills covered in this packet are skills from Algebra 2 and Pre-Calculus. Each question was carefully selected and every one of the questions in this packet is extremely important, it is necessary that you master them. If you need to, you may use reference materials to assist you and refresh your memory (old notes, textbooks, online resources, etc.). While graphing calculators will be used in class, there are **no calculators allowed** on this packet unless otherwise stated. You should be able to do everything without a calculator.

AP Calculus is a fast paced course that is taught at the college level. There is a lot of material in the curriculum that must be covered before the AP exam in May. Therefore, I cannot spend a lot of time re-teaching prerequisite skills. This is why you have this packet. Spend some time with it and make sure you are clear on everything covered in the packet so that you will be successful in AP Calculus.

This assignment will be collected and assessed. Be sure to show all appropriate work to support your answers. **CREDIT WILL NOT BE GIVEN TO ANSWERS WITH NO WORK.** You may use loose paper to show any required work. This material will be used and assessed throughout the year including chapter 1 which begins the first day of school.

If you have major difficulties in completing this assignment or if you think it is too long, perhaps you should reconsider taking this course.

First Tuesday upon return to school in September

Required Assignment(s):

The required assignment can be found on Mr. Pugh's school website:

<https://www.somervillenjk12.org/Page/7128>

Optional Assignment(s):

Review syllabus on Mr. Pugh's school website and explore materials online such as past ap exams to learn format of the AP exam in May.