

Hello future calculus students.

At the end of your precalculus class you took a 25 problem multiple choice diagnostic test. If you didn't take that test in your precalculus class then download the test from Mr. Merritt's website by following the directions below. Each problem on the test is linked to a precalculus skill that is crucial for success in an AP calculus course. Use the answer grid to check your answers. The answer grid is also on the website. All the questions are linked to topics in the review packet. Use the list to decide which topics you may need to review.

On Mr. Merritt's web site is a review packet that covers the 21 crucial precalculus topics (modules A through U) needed for our AP calculus course. Each module reviews a topic, gives many worked examples and then gives an assignment. Everyone should do the following 3 modules: module C which reviews the function families, module I which reviews Rational Functions and Asymptotes and module U which reviews the use of your calculator to solve equations and inequalities. Then pick at least 8 more topics and complete the assignments for those topics. Most of you will want/need to do more than 8 topics. If you were to do the whole packet it would take about 8 hours. This should be spread over the summer. Your work will be checked for completion and the solutions will be posted for you to check accuracy during the first week of school. During the first semester you will be assessed on these skills.

So to be clear: For the summer you need to take the diagnostic test, do modules C, I and U then select a minimum of 8 more modules and complete the assignment for those 8 modules. Don't limit yourself to 8 topics if you feel you need more review. When you return, each module you selected will be checked for completion, you will check each module for accuracy and you will be assessed during the first semester.

Instructions for downloading the summer assignment

The summer packet and the diagnostic test can be found on Mr Merritt's web site by going to the WHS web site and linking through the staff page to the web site. Click on the Calculus File Library to find all the information about the summer assignment. You will need to log in with your username and password since all the material for the summer packet is copyrighted and password protected.

Good luck and feel free to email Mr Merritt with any questions at emerritt@nsd.org.

We are looking forward to another amazing year in Calculus!

Have a great summer!

Mr Merritt and Mrs Gruber