

Honors Precalculus: Functions

ORIENTATION

TEXTBOOK Precalculus: Enhanced with Graphing Utilities 8th Edition, Sullivan
ISBN-13: 978-0135813416

- ◇ Textbook will be provided via Marist textbook service—most likely it will be a digital version.

SUMMER REVIEW WORK

- ◇ Crazy as it may seem, your instructions are to procrastinate.
- ◇ Complete the Review Problem Set in the final month of summer so that the topical material, processes, and overarching concepts are fresh in your mind for the coming school year. The review problems will give you practice with Alg 2/skills: factoring, simplifying, evaluating, and solving equations. Pay special attention to problem solving structures and presentation of work. Use appropriate higher-level notation: set notation for solutions to equalities, interval and set-builder notation for inequalities. These are skills you will routinely use as you tackle this college level math course. I will continue to help refresh and strengthen these protocols throughout the year – I would like to see where your work-quality stands at entry.
- ◇ **DO WORK ON YOUR OWN PAPER, IN A VERTICAL FORMAT AND SHOW EVIDENCE OF METHOD FOR EACH PROBLEM.**
- ◇ **YOU MAY USE OTHER SOURCES AS NEEDED TO HELP YOU REFRESH THESE SKILLS THAT I AM ASKING YOU TO REVIEW AND BE READY TO USE. DO NOT USE ANY APPS TO CHECK.**
- ◇ **ON THE FIRST DAY OF CLASS YOU WILL SUBMIT THE REVIEW PROBLEM SET FOR COMPLETION CREDIT. NO LATE WORK ACCEPTED / NO ELECTRONIC SUBMISSION.**
- ◇ Schoology message or email jherro@marisths.org with questions, as needed.

MATERIALS **A *Graphing Calculator* is REQUIRED for this course**

- ◇ **TI-84 Plus CE** calculator is recommended. This is the calculator I will be using in class. Calculator fluency is an essential skill being developed at this level.
- ◇ You will take lecture notes and complete problem sets in a spiral graph paper notebook. These often sell out quickly at the start of the school year – plan accordingly.