May 19, 2015

Dear Precalculus Honors Students,

Welcome to honors-level math – the best subject in high school! I’m already looking forward to the year we will get to spend together studying the beauty of mathematics.

There are three major tasks you must accomplish this summer:

1) Prepare psychologically. Each day, repeat (out loud) to yourself:
   - I love precal!
   - I am a girl who can do math!

2) Prepare intellectually.
   - Purchase the CPM textbooks. You will also need to have your graphing calculator and plenty of graph paper.
     - The easiest way to purchase your text is to go to the CPM website (www.cpm.org) and click on “Order Student Books and eBooks” in the left sidebar. Click on the Pre-Calculus with Trigonometry text. CAREFUL – this is the e-book; you will want to purchase the two-volume softcover set, which is on the bottom of the next page (cost: $90; includes two textbooks (Vol.1 and Vol.2) and e-book license). (ISBN: 9781603280037)

   - There are nine short assignments (listed on back) to complete over the summer months. Develop the virtue of consistency over the summer by making a plan for review.
     - All assignments must be completed neatly on graph paper. The original problem should be written, then all work shown, with final answers neatly boxed. These assignments will be graded for completion, neatness, and accuracy. I will definitely be looking not only for a final answer, but also to see how you got to your final answer. A stand-alone answer will not often receive full credit, and will sometimes receive no credit.
     - I would be happy to pre-grade, give feedback, and provide an opportunity to do corrections for full credit for any of the assignments submitted on or before July 17. If the class portal is available, please submit assignments to the dropbox on our class portal page. If the portal isn’t yet available, you may e-mail assignments to me. Many students either scan assignments or use their phone to take a photo of assignments, so that they can be submitted digitally to me in advance.
     - Any assignments not submitted over the summer must be submitted the first day of class. There will be a mini-test covering the summer assignment topics on the first day of class.
If you have any questions, please feel free to e-mail me through your school e-mail account. My e-mail address is: srcanne@stcecilia.edu. If there are any changes/updates to the summer work, I will notify everyone through school e-mail addresses, so please be sure to check your school e-mail occasionally throughout the summer.

3) Create a Precalculus Honors community – the class is much more fun when you can study with one another!
   - Create a Precalculus Honors page on Facebook
   - Schedule some group review/study sessions with your classmates over the summer
   - Take responsibility for class – it is YOUR class; make it fun!
   - Pray for all Precalculus Honors students and teachers

Please e-mail me (srcanne@stcecilia.edu) a nice close-up photo of yourself by June 1. You should have at least ordered a textbook by then; please let me know, in the e-mail, whether you have a textbook yet or whether you have it on order.

Have a wonderful, grace-filled summer!

In Christ,

Sister Cecilia Anne, O.P.

Summer Assignments (found in back of Volume I of CPM Precalculus Text):

- 1 p.322 Skillbuilders 1. Factoring Out Monomial Terms (2-16 even)
- 2 p.323 Skillbuilders 2. Laws of Exponents (2-16 even)
- 3 p.324 Skillbuilders 3. Function Notation (2-14 even)
- 4 p.325 Skillbuilders 4. Properties of Lines (2-16 even)
- 5 p.327 Skillbuilders 5. Multiplying Binomials (2-16 even)
- 6 p.330 Skillbuilders 7. Simplifying and Combining Radicals (1-11 odd)
- 7 p.332 Skillbuilders 8. Similar Triangles (2-14 even)
- 8 p.335 Skillbuilders 9. Factoring Standard Form (1-9 all)
- 9 p.336 Skillbuilders 10. Inverses (1-8 all)