Pre-Calculus 12 Course Outline

Instructor: Josh Angiola
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Location: New Westminster Secondary School, room 269

Time: Tuesdays & Thursdays, 6:30 PM – 9:15 PM
Classes run from February 5 to June 11, excluding March 19 & 21 for Spring Break

Required Materials:
- Pre-Calculus 12 textbook (McGraw-Hill)
- graphing calculator
- grid paper (for notes and graphs)
- ruler
- 3-ring binder
- pencil & eraser
- multi-colour pen (recommended)
- lined paper (optional)

Course Content:
- Transformations (ch 1 & 2)
- Functions (ch 3, 9, 10)
- Trigonometry (ch 4, 5, 6)
- Exponents and Logarithms (ch 7, 8)
- Combinatorics (ch 11)

Evaluation:
- Unit Exams (80%)
- Quizzes & Assignments (20%)
- Mid-Term Exam (optional)
- In-Class Final (optional)

You must make all possible efforts to write unit exams as scheduled. In exceptional cases, I will consider alternate arrangement for individuals if they work for both of our schedules. However, there are no rewrites for exams. If missed an exam and have not made prior arrangements with me, you will receive a mark of zero for that exam. No exceptions. You can always make this up on the Mid-Term exam or in-class Final (see below). Tentative examination dates are found on the course website. Any changes will be changed on the site and mentioned in class.

The optional in-class Mid-Term and Final exams are two opportunities to better your marks in specific unit areas or make up for missed exams. They will both be sectioned according to the units above. Do only the sections you would like to improve in or do them all for fun! Each final unit exam mark will then reflect the higher mark of either the original unit exam or its corresponding section in the Mid-Term or Final.

There will be one assignment per unit. They are always due the class before the corresponding exam. Assignments that are not turned in on the due date by the end of the class break (8:15 pm) receive a mark of zero. No exceptions. If you cannot make it to class, it is your responsibility to email it to me before 8:15 pm on the due date or have someone turn in your assignment on your behalf.
My expectations:

Please make your best effort to arrive to class on time and be willing and ready to learn. Often, I will expect you to attempt problems alone or with a friend before we discuss their solutions as a class. Student participation is encouraged! Waiting for the solution to be given to you without giving it a reasonable attempt will hinder your learning. **I have taught this course many times and it is always those students who participate often in class discussions and who collaborate with peers on homework and assignments who consistently get the highest grades.**

Cell phone use should be done outside of the classroom. Simply excuse yourself and leave the room. The same holds for conversations among peers during direct teaching. Please be courteous and respectful of other people's learning in the classroom. The same can be said for shouting out answers to problems in class; it may help you, but it is preventing others from assimilating the material.

If you know you will be late or miss a class, please email me as a courtesy. Refer to the course website under “class notes” and “important dates” for any missed work or upcoming exam dates, or contact a classmate for the details. Remember, it is your responsibility to be aware of upcoming exam dates and assignment due dates.

If you need extra help, I am usually available before class between 4 and 6 pm. Just email me ahead of time to arrange a meeting. My office is at Learning Services located in the back parking lot of NWSS, in the portables next to the Apprenticeship Building. I do not mind coming to class earlier if I know that my time will be well used. Please let me know.

Pre-Calculus 12 is a challenging course, but if you put in your best effort, I will support you as best I can! Also, keep in mind that you have multiple times to make up your grade: unit exam, midterm exam, and final exam. Good luck :)