

## Syllabus      Pre-Calculus 30 2023 / 24      SEMESTER 2      Mr. Maxwell

Chapter 1 – Function Transformations_____	Feb 2-Feb 13 (all timing is approximate)
Chapter 2 – Radical Functions_____	Feb 13-Feb 28
Chapter 3 – Polynomial Functions_____	Feb 29-Mar 15
Chapter 4 – Trigonometry of the Unit Circle_____	Mar 16-Mar 27
Chapter 5 – Trigonometric functions and Graphs_____	Mar 28-Apr 15
Easter Break _____	Mar 29-Apr 5
Chapter 6 – Trigonometric Identities_____	Apr 16- May 3
Chapter 7 – Exponential Functions_____	May 4-May 13
Chapter 8 – Logarithmic Functions_____	May 13- May 24
Chapter 9 – Rational Functions_____	May 24- June 5
Chapter 10 –Function Operations_____	Jun 5- Jun 10
Chapter 11 –Permutations, Combinations, and Binomial Theorem_____	Jun 11- Jun 17
Final Exam_____	TBA - June 19-24

**Quizzes** may be given 1-2 times each chapter. Students should expect a chapter exam 2-3 days after each chapter is completed.

**Marks:** evaluations are given to assess each outcome in the curriculum. Marks will be given for performance on each outcome. Outcomes are weighted roughly the same, as each chapter in the textbook roughly corresponds to each outcome. Exams will end up being worth the most. Homework is only a means to an end, therefore daily homework will not be given a mark. Assignments, quizzes, and exams will be graded to assess a students' ability. The approximate values are as follows.

Course work	Final Grade
- Tests      100 marks each	- Course work      80%
- Quizzes      20 marks each	- Final Exam      20%
- Asn'ts      10-20 marks each	
	<b>Note:</b> Final grade may be comprised of 100% coursework if students earns/chooses a recommend and does not write the final exam.

Mr. Maxwell will plan to use Edsby for communication – **please sign up for updates on Edsby!**

**Mr. Maxwell's website and Edsby will be used for all materials and video lessons.**

**\*Late Policy** – Assignments that are not handed in on time (at the beginning of the class on the due date) will be assessed a mark of zero. This zero will hold until the student hands the assignment in and the teacher has a chance grade the assessment. **Reduced credit may be given to a student's late assignment** based on the information released in class on the concepts evaluated (including if a student hands in an assignment that has already been placed in the assn't return bin). In this case, **the student is to arrange with the teacher an appropriate alternate assignment that may be substituted for full marks, if the student so desires.** This alternate assignment may be given and completed on Course Completion day.

**\*Homework:** The expectation will be that **all homework is attempted before the next class and issues should be addressed with the teacher asap (next class preferably).** Students should attempt every question that is assigned. An attempt means that they have, at minimum, written down given information and attempted to use some concept / equation to arrive at a solution. There are ALWAYS examples in the text or notes that are directly or indirectly related to each question assigned. Students should make every attempt to use these examples as well as the ones given in class to determine a reasonable solution. If you would like some **extra help**, please speak to me so we can arrange a time that works for both our schedules.

**\*Course Completion** – Course completion days are designed to help students complete outstanding assignments. It is important that students do the very best they can to keep up to date with all assignments given in this course.

These days has been set aside to meet the needs of students, not as a punishment. **Note - These course completion days are sanctioned school days, they are not holidays.** If you have kept up with your work and do not have any evaluations you need to write, then you may not have to come to school. But, **there may be assignments or labs that can only be made up on course completion days** so please don't make plans to miss these days in case you need to be here for some reason.

**\*Rewrites** – There will be no rewrites for exams. In the event of an excused absence on a test day, when the exam has not been written the day the student returns to school, an alternate exam will be given on Course completion day. This applies to tests originally given within the previous month or since the last course completion date. **There will be opportunity to improve a poor test mark by good performance on the final exam.** ONE chapter exam that is less than the mark on your final exam will be OMITTED should you qualify for the BOOST option (more on Earned Options later). If more than one test is missed due to illness, a **doctor's note may be required** to write the exam upon return to school.

Quizzes, assignments, and tests will be returned or discussed within a week after the due date.

**\*Studying** – Students generally have questions about how to properly study for exams and quizzes. I tell them that when they can correctly complete a type of question, without any help or looking at the answer first, then they have sufficiently studied that type of question and are ready for the exam. Having said this, I generally allow students 1 small cue card for each of their exams. They may write anything they want on these cards (some restrictions) and may use them as prompts during the exam. This, however, does not replace good studying.

**\*Earned Options** – Students who meet certain criteria based on good study habits, performance on tests and quizzes, submission of assn'ts on time, good attendance, and preparedness for class MAY qualify for a Recommend (Final Exam does not need to be written). If students do not qualify for a recommend or want a chance to have their mark boosted further may qualify for Boost / Safety Net option (Final is written but allowances are made to boost their mark by omitting their lowest test mark, or at least to retain the mark that the student had before final exam was written). Details will be explained to students in class. An application will be required to apply for Recommend or Safety Net / Boost.

*Highlight summary:*

1. *Late assn'ts are marked zero until student can produce them. These late assn'ts may be reduced in credit.*
2. *Homework – Do all homework and submit before exam if you want a quiz boosted up to your test mark. No rewrites for poorly written or missed quizzes.*
3. *Poor test performance – One test may be omitted if BOOST OPTION is applied after the final*
4. *Prepare a cue card for each exam*
5. *Come to class on time, use class time wisely, ask questions when you don't understand, and do all your work on time if you want Earned Options.*

I look forward to this semester with you – please remember to be diligent, to listen carefully during instruction, do your homework faithfully, ask questions when you don't understand, and study for exams. If you work hard, you will succeed!! God Bless you! Mr. Maxwell! [\(jeff.maxwell@rbe.sk.ca\)](mailto:jeff.maxwell@rbe.sk.ca)

\*\*\*PARENTS/GUARDIANS, PLEASE SIGN BELOW TO INDICATE THAT YOU HAVE SEEN AND READ THE EXPECTATIONS OF YOUR STUDENT FOR THIS CLASS. *Thank You.*

\_\_\_\_\_  
Student Name

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Parent / Guardian signature

(show this **signed** syllabus to Mr. Maxwell as your **first assignment**)