

**Syllabus      Sem. 1      PreCalculus 20      Mr. Maxwell**

Textbook: “Pre-Calculus 11” by McGraw-Hill Ryerson. Outline below subject to change.

Chapter 1 – Sequences and Series \_\_\_\_\_ Sept 3 – 18

**Ch 1 Exam Sept 21**

Chapter 2 – Trigonometry \_\_\_\_\_ Sept 18 – 30

**Ch 2 Exam Oct 1**

Chapter 3 – Quadratic Functions \_\_\_\_\_ Sept 29 – Oct 16

**Ch 3 Exam Oct 19**

Chapter 4 – Quadratic Equations \_\_\_\_\_ Oct 16 – 27

**Ch 4 Exam Oct 30**

Chapter 5 – Radical Expressions/Equations \_\_\_\_\_ Oct 27 – Nov 9

**Ch 5 Exam Nov 9**

Chapter 6 – Rational Expressions/Equations \_\_\_\_\_ Nov 10 – 24

**Ch 6 Exam Nov 24**

Chapter 7 – Absolute Value/reciprocal functions \_\_\_\_\_ Nov 24 – Dec 8

**Ch 7 Exam Dec 8**

Chapter 8 – Systems of Equations \_\_\_\_\_ Dec 8 – Jan 8

**Ch 8 Exam Jan 8**

Chapter 9 – Linear and Quadratic Inequalities \_\_\_\_\_ Jan 8 – 15

**Ch 9 Exam Jan 15**

Review Ch1-9 \_\_\_\_\_ Jan 16 – 20

**Final Exam** \_\_\_\_\_ TBA

Grading

|             |                    |                                                            |     |
|-------------|--------------------|------------------------------------------------------------|-----|
| Course work |                    | Final Grade                                                |     |
| Tests       | 100 marks each     | Course work                                                | 80% |
| Quizzes     | 20 marks each      | Final Exam                                                 | 20% |
| Asn'ts      | 10 – 20 marks each | (In the case of recommend, course work will be worth 100%) |     |

**Quizzes** will be given 1-2 times each chapter. There will be a chapter **exam** after each chapter is completed.

**RCS and Regina Public Schools are using Edsby for grading and communication with students and parents.** Mr. Maxwell will plan to use Edsby for communication instead of Google Classroom as in previous years. **Mr. Maxwell's website and Edsby will be used for all materials and video lessons.**

**If you miss a day or want to watch Mr. Maxwell teach the material again, you may visit Mr. Maxwell's Website**

**([www.mrmathwell.com](http://www.mrmathwell.com))** The link to the PreCalculus 20 videos and materials is

<https://www.mrmathwell.com/index.php/courses/pre-calculus-20/>

**\*Late Policy** – There are not many assignments in this class. Hand-in 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 (up to 50% off) 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 “asn't return” bin for others in the class). 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 and corrected using solutions in the textbook (FORMATIVE evaluation) before the next class and issues should be addressed with the teacher at that time.** 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. Homework will be assigned from the textbook daily but the **homework is mostly formative. However, submitting completed homework before the exam may boost a poor or zero (missing) quiz mark.** If you would like some **extra help by meeting with Mr. Maxwell**, please speak to me so we can arrange a time that works for both our schedules.

**\*Rewrites –** Students should prepare for each exam very carefully because there are NO REWRITES. **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). In the event of an excused absence on a test day, the exam is expected to be **written the first day the student returns to school.** If this does not happen an alternate exam may be given the next Course completion day. **If more than one test is missed due to excused illness, a doctor's note may be required** to write the exam upon return to school.

**\*Quizzes –**There will be **1-2 quizzes per chapter and may not be rewritten.** if a quiz is missed or performance is poor students may turn in *COMPLETED homework* from the chapter BEFORE the exam, ON the day of the chapter test to omit the lowest quiz score. 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 does not replace good studying, however.

**\*Earned Options –** Students who meet certain criteria based on good study habits, performance on tests and quizzes, submission of asn'ts on time, good attendance, and preparedness for class MAY qualify for a **Recommend** (Final Exam does not need to be written and mark at the end of the semester of classes stands as final grade). 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 for a boost, the final counts as 20% if final exam mark is higher than mark entering final, and lowest test mark is OMITTED. For Safety Net, if final exam mark is within 10% of mark entering exam students will retain the mark they had before final exam was written). An application will be required to apply for Recommend or Safety Net / Boost. For each course, students must apply for their earned exam option. Application timeline and process will be communicated in class. Classroom teachers will notify students of the status of their application prior to exam week. Students should seek clarification on any denied options directly from the classroom teacher. If, however, questions regarding a denied option remain, students may submit an appeal form to the high school office for administration's consideration. Appeal forms are available on the school website under forms and files.

#### **Plagiarism, Collaboration, and A.I.**

Plagiarism involves taking credit for someone else's work and is a form of theft. This includes passing off generative A.I. information as your own. Students are expected to be informed regarding properly citing sources. Students will receive marks of zero for assignments that have been plagiarized in whole or in part and will be subject to disciplinary action as determined by the Teacher and Administration. There should be **NO collaboration between students about any details of a graded asn't.** Students involved in sharing information (giving or receiving) will be subject to disciplinary action. **A.I. use is strictly limited to personal research and study outside of class** and only in cases where original work is not required.

**Boost and Safety Net Eligibility Requirements:**

1. Grade entering final is **50% or over**
2. **Twenty** or fewer excused absences total (sickness, sports, appointments, vacation, etc) with **zero** unexcused absences.
3. **Three** or fewer unexcused lates for class (excused late may be extreme weather, teacher keeps you after class and they send you with a note or call teacher, medical appt. with note or call to office, etc)
4. **Three** or fewer late asn'ts (submitted after beginning of class on due date). Students absent on due date should email or submit electronically by the specified time if AT ALL physically able to avoid late designation.
5. **Zero** missing asn'ts or tests at the end of the semester

**Recommend Eligibility Requirements:**

1. Grade entering final is **90% or over**
2. **Twenty** or fewer excused absences total (sickness, sports, appointments, vacation, etc) with **zero** unexcused absences.
3. **Three** or fewer unexcused lates for class (excused late may be extreme weather, teacher keeps you after class and they send you with a note or call teacher, medical appt. with note or call to office, etc)
4. **Three** or fewer late asn'ts (submitted after beginning of class on due date). Students absent on due date should email or submit electronically by the specified time if AT ALL physically able to avoid late designation.
5. **Zero** missing asn'ts or tests (an assignment or test can only be made up by the end of the following course completion date)
6. **Zero** incomplete asn'ts by the end of the following course completion date.

*Highlight summary:*

1. *Late asn'ts are marked zero until student can produce them. These late asn'ts may be reduced in credit once submitted.*
2. *Homework – Do all homework and submit before exam if you want a quiz boosted up to your test mark. No rewrites for tests or quizzes.*
3. *Poor tests performance – Prepare well for every test – there are no rewrites but doing well on the final exam can significantly boost your mark by omitting your lowest test mark.*
4. *Prepare and bring a cue card to each exam*
5. *Come to class on time and do all your required work if you want Earned Options (recommend or boost / safety net).*
6. *Come prepared to class with all materials, limit leaving class for bathroom breaks, be in your desk ready to learn when bell rings.*

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 EMAIL ME OR SIGN BELOW** TO INDICATE THAT YOU HAVE SEEN AND READ THE EXPECTATIONS OF YOUR STUDENT FOR THIS CLASS. *Thank You.*

|                                                                                                  |                             |              |
|--------------------------------------------------------------------------------------------------|-----------------------------|--------------|
| Student Name (printed)                                                                           | Parent / Guardian signature | Parent email |
| <b>EMAIL or show this <i>signed</i> syllabus to Mr. Maxwell as your <b>first assignment</b>)</b> |                             |              |