

## Syllabus

## Foundations of Math 20

Mr. Maxwell

*Text: Foundations of Math 11 (Nelson) Website: [www.mrmathwell.com](http://www.mrmathwell.com)*

### Semester 2

Chapter 1 – Inductive and Deductive Reasoning -----	Feb 2-16
Chapter 2 – Properties of angles and triangles-----	Feb 16- Mar 6
Family Week break -----	Feb 19-23
Chapter 3 – Acute Triangle Trigonometry -----	Mar 6-18
Chapter 4 – Oblique Triangle Trigonometry -----	Mar 19-Apr 12
Easter Break March 29-Apr 5	
Chapter 5 – Statistical Reasoning -----	Apr 13-26
Chapter 6 – Systems of Linear Inequalities -----	Apr 27-May 15
Chapter 7 – Quadratic Functions and Equations -----	May 16-31
Chapter 8 – Proportional reasoning-----	Jun 1-11
Course Review / Final Exam Prep -----	Jun 12-18
Final Exam -----	TBA (Jun 19-24)

### 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	*Where a Recommend is granted, course work is worth 100% and Final Exam not written.

**Quizzes** will be given 1-3 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. **Please sign up to Edsby to communicate** with your teacher! Mr. Maxwell's website will be the primary resource for all homework, materials, and video lessons.

**If you miss a day of school, the expectation is that you visit Mr. Maxwell's Website ([www.mrmathwell.com](http://www.mrmathwell.com)) and watch the video and do the homework you missed!** The link to the PreCalculus 20 instructional videos, homework asns'ts, handouts and other materials is <https://www.mrmathwell.com/index.php/courses/pre-calculus-20/>

**\*Late Policy** – There are not many graded 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 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 may be submitted before the exam for a quiz boost (see below). **Many of the homework questions assigned will have solution videos on [www.mrmathwell.com](http://www.mrmathwell.com). Please watch these videos if you are stuck on a question!** 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** – There are no rewrites in this course. Students should prepare well for each exam but in the case of a poorly written exam, **students may 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 must be written on the day of return to school**. If the student is not prepared to write the first day back, 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. **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** – There will be **1-2 quizzes per chapter and may not be rewritten**. If a quiz is missed or performance is poor, students may receive a **quiz boost** by turning in COMPLETED homework from the chapter on the day of the chapter test (before the exam) to bring the low quiz mark up to the test mark for that chapter.

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). 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 asn'ts are marked zero until student can produce them. These late asn'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 (printed)

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Parent / Guardian signature

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