

Foundations of Mathematics 30 Syllabus Mr. Maxwell Semester 1 – 2025/26

Text is “Foundations of Mathematics 12” by Nelson

Chapter 3	Set Theory and Logic	Sept 4 – 25
Chapter 4	Counting Methods	Sept 25 – Oct 14
Chapter 5	Probability	Oct 14 – 27
Chapter 6	Polynomial Functions	Oct 27 – Nov 6
Chapter 7	Exponential and Logarithmic Functions	Nov 6 – 18
Chapter 8	Sinusoidal Functions	Nov 18 – Dec 8
Chapter 1,2	Financial Math – Investing/Borrowing	Dec 8 – Jan 13
Project	Completion of Project and Presentations	Jan 14 – 20
Final Exam	Cumulative	TBA (Jan 21 – 26)

Grading

Course work	Final Grade
Tests 100 marks each Quizzes 20 marks each Asn'ts 10 – 20 marks each	Course work 80% Final Exam 20% (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) The link to the Foundations Math 30 videos and materials is

<https://www.mrmathwell.com/index.php/foundations-of-math-30/>

***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. All summative asn'ts are ZAP asn'ts (Zero's Aren't Possible). 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. 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 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 on the day of the chapter test 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 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.

Boost and Safety Net Eligibility Requirements:

- Grade entering final is **50% or over**
- **Twenty** or fewer excused absences total (sickness, sports, appointments, vacation, etc) with **zero** unexcused absences.
- **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)
- **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.
- **Zero** missing asn'ts or tests at the end of the semester

Recommend Eligibility Requirements:

- Grade entering final is **90% or over**
- **Ten** or fewer excused absences total (sickness, sports, appointments, vacation, etc) with **zero** unexcused absences.
- **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)
- **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.
- **Zero** missing asn'ts or tests (an assignment or test can only be made up by the end of the following course completion date)
- **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).*

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)

***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

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