



Teacher: Mr. MacKay Room: 2097
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Prerequisite: GMF 10 and NRF 10

Textbook: Foundations of Math 11 (Nelson) Replacement cost: \$80

This course is a pre-requisite for a second Foundations of Mathematics course in Grade 12, providing a pathway designed for entry into academic programs not requiring pre-calculus. It is also a pre-requisite for the pre-calculus pathway.

Topics Covered will include:

1. Quadratic Functions (RF2)	5. Trigonometry (Sine and Cosine Laws) (G3)
2. Systems of Inequalities (RF1)	6. Financial Math (N1/N2/N3)
3. Logical Reasoning (LR1)	7. Mathematical Puzzles (LR2)
4. Angle Properties and Proofs (G1/G2)	

Evaluation:	<u>Pass mark: 60%</u>
1.) Final Exam	30%
2.) Tests	50%
3.) Classwork/Assignments/Quizzes	20%

Required Materials: Students are expected to be prepared for class every day with a scientific calculator, binder, paper, graph paper and pencil and a straight edge.

Expectations:

- To be successful in this class, it is important to **attend all classes** and **complete all of the assigned material**. If you miss a class you are expected to catch up on your **own time (at lunch or after or before - school)**.
- Students are expected to be **ON TIME** for class. Tardy means not being seated and prepared when the bell rings.
- Homework** will be assigned to reinforce the concepts covered in class and is a **critical part of gaining understanding and mastery of the topics taught in this course**. You will be expected to complete all homework, including homework assigned on days when you are absent from class. You will be assessed on regular informal assessments, which will be based on recently assigned homework
- Scheduled **Extra help is available** at the times discussed in class. Students are expected to make good use of class time before requesting extra help. The **Learning Centre** is available for students to receive extra help each **Tuesday from 3:30 to 4:30 in the library**.
- If a **student misses a test or quiz**, they will write it on their first day back, provided they have an acceptable (written) excuse.



Parent/Guardian/Student Signature: Please acknowledge you have read and understand the course outline. Parents/Guardians may provide an email address for electronic communication

Student Signature: _____

Parent Signature: _____

Email: (please print clearly): _____