MATHEMATICS DEPARTMENT POLICIES & COURSE OUTLINE
MCF 3M1 ~ GRADE 11 UNIVERSITY/COLLEGE

The Mathematics department enforces all school policies which are located in the front of the student agenda.

This course introduces basic features of the function by extending students' experiences with quadratic relations. It focuses on quadratic, trigonometric, and exponential functions and their use in modeling real-world situations. Students will represent functions numerically, graphically, and algebraically; simplify expressions; solve equations; and solve problems relating to financial and trigonometric applications. Students will reason mathematically and communicate their thinking as they solve multi-step problems.

Prerequisite: MFM 2P1 or MPM 2D1
Recommendation: *80% or better in MFM 2P1 or between 65% and 75% in MPM 2D1.*

Units of Study	Evaluation Breakdown			
1. Introduction to Quadratic Functions 2. Quadratics Functions in Factored Form 3. Quadratics Functions in Vertex Form 4. Trigonometry 5. The Sine Function 6. Exponential Functions 7. Financial Mathematics	**TERM**	Knowledge & Understanding Application Communication Thinking & Inquiry	30% 20% 10% 10%	**70%**
	FINAL	Culminating Task Exam	5% 25%	**30%**

1. **Assessment & Evaluation:**
   - **Evaluations will include journals and/or survival guides, unit tests and tasks. Graphing calculators are not permitted for evaluations.**
   - **Assessments will include homework, quizzes, in-class assignments and investigations.**
   - Late assessments/evaluations may be accepted on a case-by-case basis at the discretion of the teacher until they have been marked and returned to the rest of the class. Marks *may* be deducted for late assessments/evaluations.
   - If an evaluation is submitted/written late the student is expected to submit/write it on the first day they return. However, the student will receive a mark of zero unless the teacher receives a signed note from the parent/guardian that states a legitimate reason for the absence and knowledge that the assessment/evaluation took place.

2. **Extra Help & Peer Tutoring:**
   - Every student is expected to take responsibility for his/her own learning and seek extra help if necessary. Students should prepare for extra help, regardless of whether it is from their teacher or at peer tutoring, by coming with a pencil, eraser, calculator, text and notebook with problem questions highlighted.
   - Peer tutoring is available after school; days and times to be announced. Students must sign in when they attend. Peer tutoring is a privilege and students who attend must be on time, be prepared and be working. Those not abiding by the rules or acting in an inappropriate manner may be asked to leave.
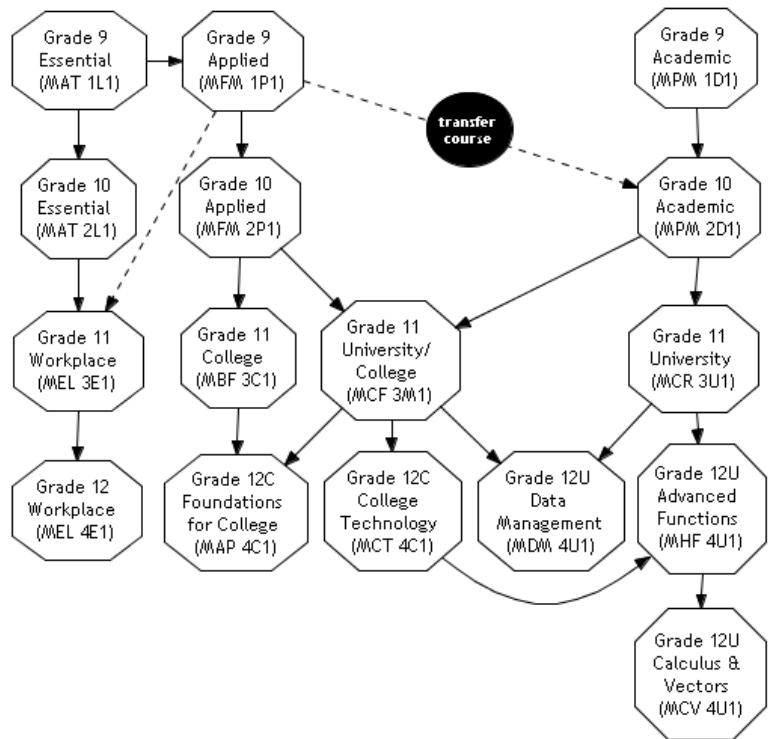
3. **Textbooks:**
   - Textbooks will not be issued until both the student and their parent/guardian sign this policy.
   - Each student will be issued a numbered textbook. These books must be returned to the subject teacher prior to the final exam. If the student returns a book other than the book assigned, or if the book is lost, damaged or defaced, the student will be responsible for its replacement. Report cards will be withheld until all outstanding fees are paid. The replacement fee for Mathematics textbooks is **$100**. Cheques should be made payable to *Notre Dame Catholic Secondary School*.

4. Course Selection:

- Recommendations from previous math teachers are based on the student's potential and should be taken seriously.

- Current math teachers may make recommendations for course level changes at the beginning of the semester. These recommendations are also based on the student's potential. Level changes may occur within the first two weeks of the semester, but be aware that some classes fill up quickly making it impossible to change.

Mathematics Course Pathways

5. Attendance, Punctuality and Preparedness:

- Students are expected to attend class regularly and be punctual and prepared for every class.

- Students will NOT be permitted to go to their lockers during class time.

- Cell phones are not considered acceptable calculators. Students are encouraged to purchase a scientific calculator for their high school career. Recommended calculators include the Casio FX-260 or FX-300MS Plus.

6. Behaviour:

- Every student is expected to behave in a highly responsible manner for the welfare of all students and for his/her own success. Always listen to and follow the teacher's instructions. Respect everyone and everything in the classroom.

- Students will not be permitted to leave at the end of class until everyone is sitting at their own desk.

- Students will be limited to two bathroom breaks per month. They are non-transferable and do not accumulate.

- Backpacks are to be kept on chair backs.

7. Cheating and Plagiarism:

- Plagiarism is the act of passing off someone else's work as your own. Misuse of scientific calculators considered cheating. Plagiarism or cheating will result in the student receiving a mark of zero on the assigned work.

I have read the school-wide classroom policies found in the student agenda, the Math department policies and course outline and agree to abide by them. I understand the expectations of this course and am fully aware of the responsibilities.

_____   _____   _____   _____
Student Name *(print clearly)*   Student Signature   Parent/Guardian Name *(print clearly)*   Parent/Guardian Signature

PARENT/GUARDIAN CONTACT INFORMATION:

_____   _____   _____
Home Phone   Cellular Phone   Email

Check notes, homework and your mark at www.mrsk.ca