

MATHEMATICS 11 (2016-2017)

Instructor: Kathy Fuller



Mathematics 11 will provide students with the opportunity to experience mathematical questions and problems that are closely related to everyday, real life situations. The graphing calculator will be used extensively.

The material will be covered at a faster pace and in more detail than in Mathematics 10. It is important that students have selected this course on the basis of the recommendation made by their Mathematics 10 teacher. The course is recommended for students that have done well in math for several years. Students should be strong problem solvers and critical thinkers.

TEXT: Nelson's Foundations of Mathematics 11 (online login details are available)

UNITS: Inductive & Deductive Reasoning
Properties of Angles & Triangles
Acute Triangle Trigonometry
Oblique Triangle Trigonometry
Statistical Reasoning
Systems of Linear Inequalities
Quadratic Functions & Equations
Proportional Reasoning

EVALUATION: *Cumulative marks* provide a 'snapshot' of a student's progress at any time in the course without locking in a grade prior to the conclusion of the course. Parents and students will be able to access an accurate account of marks after assessments are graded through the use of the iNSchool program.

	% of Final Mark
Homework	0
Concept Checks	8
Projects/Group Work	8
Quizzes	15
Tests	30
Cumulative Tests	14
EXAM	25

THANK YOU FOR:

- being **on time** for class, being **prepared** for class, being **respectful** of others, and being **ready to learn**.
- removing your **hats** and **headphones** when entering this room.
- leaving your **personal stereos, cell phones***, **make-up kits, skateboards**, or **food/drinks (including bottled water)** in your locker or backpackthis room is a science lab/computer lab. (*please see p18-19 in Agenda)
- leaving your **bookbags/backpacks** at the door.
- using recess, lunch and time between classes to **use the phone, washroom, fountain, etc.**
- keeping the tables, books, equipment, and/or computers/accessories in **good condition**.

HOMEWORK PROBES: Homework Probes will be given regularly. This will be one or two questions taken from recent homework. *Be sure to keep up to date with problems assigned for classwork/homework!!!*

CONCEPT CHECKS: Concept Checks will be given regularly. These will be based on a recent lesson. *Be sure to review lessons nightly!!*

QUIZZES/TESTS: If you are absent for a quiz/test, you should be prepared to write a make-up quiz/test at lunch on the day you return if an **acceptable written excuse** is provided. If an acceptable excuse is not provided, then that quiz/test will count as zero. Your dates are known well in advance, so please avoid making appointments on quiz/test days, if possible. Dates are clearly posted in the lab and also on my webpage.

CLASSWORK: You are expected to demonstrate a mature attitude toward learning and use your class time efficiently. Classwork/homework is to be completed as requested. Computer accounts will be suspended if computers are not used appropriately.

EXTRA HELP: Extra help will be available regularly for students making an honest effort. It is best to check with me as I may occasionally have noon duty or meetings. Please sign up in my agenda on the front counter.

MISSED TIME: If you are absent for a class, it is your responsibility to contact a member of your class prior to your return and make arrangements to get any notes. Any handouts will be provided, however, it is your responsibility to request them. If there an evaluation item during your absence, then you are expected to complete this at lunch upon your return.

ACADEMIC INTEGRITY: If it becomes apparent that a student has cheated on quizzes/tests/exams, or has copied work, then a mark of zero will be assigned for that work. Please refer to p28 of Student Agenda and please do not allow other students to copy your work.

SUPPLIES: Binder, looseleaf, pencil, ruler, protractor, graph paper, memory stick, graphing calculator, print credit.

*****Please note that this course outline is subject to change*****