

FOUNDATIONS OF MATHEMATICS AND PRE-CALCULUS 10

Mrs. Hilton

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Text: Mathematics 10 McGraw-Hill Ryerson

Topics

Chapter 1	Measurement
Chapter 2	Surface Area and Volume
Chapter 3	Right Angle Trigonometry
Chapter 4	Exponents and Radicals
Chapter 5	Polynomials
Chapter 6	Linear Relations and Functions
Chapter 7	Linear Equations and Graphs
Chapter 8	Solving Linear Systems Graphically
Chapter 9	Solving Linear Systems Algebraically

An interactive student edition of the textbook is available at www.mytextbook.ca once you enter the access code inside the front cover of your textbook. The prescribed learning outcomes (PLOs) for the course can be downloaded and viewed at:

http://www.bced.gov.bc.ca/irp/pdfs/mathematics/WNCPmath1012/2008math_foundations_precalc10.pdf

Behaviour / Attitude / Learning Expectations

- adheres to **Stelly's Code of Rights and Responsibilities**
- demonstrates commitment to fully participate individually and in group settings
- provides and critiques possible solutions/ideas in a positive manner
- follows a question to its logical end
- works effectively in a cooperative group setting
- thinks analytically and organizes thoughts on paper
- knows whether or not a solution may be correct
- translates written words into mathematical language
- recognizes specific applications of mathematics in everyday life
- breaks a larger problem into manageable parts

SUPPLIES

Participation in class and completion of assignments are minimum requirements for success. Please bring to class: pencils, pen, ruler, scientific calculator and eraser. A neat notebook will record all of your daily class work, notes and homework. Regular use of an agenda or calendar application is highly recommended.

*****Please do not bring iPods, phones, or food to class*****

Assignments & Quizzes

There are no rewrite opportunities on quizzes. Missed quizzes due to excused absences will be omitted if completed as a worksheet and accompanied by a note from your parent or

doctor. There will be in-class assignments as well as take-home assignments. You can expect homework every night.....how much will depend on how well you work in class.

Unit Tests

Test dates and due dates for assignments will be made very clear. Extensions on assignments will only be made for legitimate reasons; otherwise late assignments will receive a mark of zero. Tests that are missed for a legitimate reason will be written as soon as possible upon return. Any tests that are missed for illegitimate reasons will be given a mark of zero, however must still be done in order to demonstrate that the learning outcomes have been met.

If you are absent you must take initiative to become up-to-date. Extra help is available. Re-writes of tests may be available for each unit test provided that adequate effort has been put into preparation for both the original test and the re-write. This is evidenced through the attentiveness in class, questions posed in class and completion of all assignments.

EXTRA HELP

I can be available for extra help after class or at lunch, if arranged ahead of time. It is important that you come and see me for extra help if you are having trouble with anything. The sooner you come in the sooner we can fix it. Don't wait to seek out help....

EVALUATION

Unit Tests	80% of final grade
Provincial Exam	20% of final mark

Students may upgrade marks by:

- Repeating the course by correspondence or summer school
- Upgrading failed units through "Flex-ed"
- Re-testing units. You may be required to meet the following conditions:
 - Unit assignments and quizzes are complete, organized, and available on demand
 - Test corrections are completed (with help as required)
 - An additional review package is completed (if required by teacher)

A single retest date and location may be set at a mutually agreed upon date. It will be up to you to make arrangements to take advantage of this opportunity.