

GEOMETRY, MEASUREMENT AND FINANCE 10

COURSE OUTLINE: 2019 - 2020



TEACHERS: A. Pleadwell, K. Sears, J. Cortes, D. Harding

TEXT: MathWorks 10 (NB Edition)

Website: <http://mvhs.nbed.nb.ca>

****Click on “Teacher Page” for our daily homework assignments and lessons ****

COURSE DESCRIPTION:

This mandatory course follows completion of Introduction to High School Mathematics 9. Students will study systems of **measurement** (imperial/metric, conversions); **geometry** (2D/3D); **trigonometry** (primary trigonometric ratios, reference angles); and **finance** (spending money, earning money, saving money, financial services).

MATERIALS NEEDED:

- **Scientific calculator** (Must have your own. No cell phones or iPods)
- Pencils and an eraser
- Notebook/Binder to maintain daily notes and homework exercises

ATTENDANCE:

The pace of this course will be rapid; students will be expected to maintain excellent attendance. In the event of an absence, students are responsible for all missed work. If a student is absent for a test without a valid excuse, they will be given a mark of zero. It will be the responsibility of the student to present a satisfactory written excuse and arrange to write the test on his or her own time.

****To reach an **academic incentive**, a student must meet the following criteria... 1) have missed no more than 5 days in any course. 2) have completed all requirements for the course to the satisfaction of the teacher. 3) have a passing grade in the course going into the exam. NOTE: Exceptions to the attendance requirement will only be extended to days missed for school sponsored activities, planned surgeries, or as a result of a death in a student's family.

DISTRIBUTION OF TOPICS:

Unit	Topic
1	System of Measurement and Conversions (Chapter 4)
2	Mass, Temperature and Volume (Chapter 5)
3	Surface Area, Volume and Capacity (Chapter 6)
4	Angles and Parallel Lines (Chapter 7)
5	Trigonometry of Right Triangles (Chapter 8)
6	Unit Pricing and Currency Exchange (Chapter 1)
7	Earning an Income (Chapter 2)
8	Financial Services (Chapter 3)
	Logical Problem Solving (Supplemental)

EVALUATION:

Tests / Quizzes / Assignments 70%
Exam 30%

ACADEMIC INCENTIVE EVALUATION

Tests / Quizzes / Assignments 85% 50%
Exam 15% OR 50 %

*** A mark of 60% is required to receive a passing grade.***

MATH HELP CENTRE:

This year, extra help will be offered to all grade 9 and 10 math students in room 4233.

- Hours of operation
 - Monday - Friday 12:00 – 12:55
 - Monday - Thursday 3:30 – 4:00

☺ **TO LEARN MATH IS TO DO MATH!!!** ☺

Remind App – please use this if you have questions about your homework or need to schedule extra help.

