

**GEOMETRY, MEASUREMENT AND FINANCE 10**  
**COURSE OUTLINE: 2016 - 2017**



**TEACHERS:** M. Burns and D. Richard

**TEXT:** MathWorks 10 (NB Edition)

**Websites:** <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.

**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:**

**\*ACADEMIC INCENTIVE EVALUATION\***

Tests / Quizzes / Assignments      70%  
 Exam      30%

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

**\*Each semester accounts for 50% of the yearly grade. 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 4136.

- Hours of operation      Monday - Thursday      12: 25 – 12:55  
    Tuesday & Wednesday      3:30 – 4:00

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

**Remind App:**

Although the website is a useful tool, I have found that 'Remind' is a more practical communication tool for students. This app allows me to communicate with students (via text or email) without ever exchanging cell phone numbers or email addresses. Communication is routed through a third-party number/email server and allows me to send reminders about assignments given for homework, due dates and upcoming tests.

To join please follow the instructions below:

Period 3 Students: text @burnsper3 to the number (506) 799-0704