

# FOUNDATIONS OF MATHEMATICS 11

COURSE OUTLINE - FALL 2017



**TEACHERS:** A. Hallihan

**TEXTS:** Nelson – Foundations of Mathematics 11

**WEBSITE:** <http://mvhs.nbed.nb.ca/teacher/mr-hallihan>

## **COURSE DESCRIPTION:**

This course has the following pre-requisites: Geometry, Measurement & Finance 10 AND Numbers, Relations & Functions 10. The course is designed to ensure that students obtain the necessary foundation to pursue post-secondary programs that may require a Mathematical background. Upon completion, students may continue on to further study mathematics by enrolling in the Pre-Calculus 11 course. Otherwise, students will be able to take either the Workplace/Financial Mathematics 11 or Foundations of Mathematics 12.

## **MATERIALS NEEDED:**

- Scientific calculator
- 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. 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.

## **TOPICS:**

- Relations and Functions (Chapters 5 & 6)
- Logical Reasoning (Chapter 1)
- Geometry and Trigonometry (Chapters 2 - 4)
- Financial Mathematics (Chapters 8 & 9)

## **EVALUATION:**

Tests/Quizzes/Assignments	70 %
Exam	30 %

**To Learn Math Is To Do Math !!!**