

# FOUNDATIONS OF MATHEMATICS 11

COURSE OUTLINE – 2024-2025



**TEACHERS:** D. Harding, T. Matchett

**TEXTS:** Nelson – Foundations of Mathematics 11 (available in Teams)

**TECHNOLOGY:**

- Microsoft Teams
  - All copies of lessons, homework and assignments will be posted here daily.

**MATERIALS:**

- a scientific calculator (**MUST** have your own, **NO cell phones or tablets during class**)
- a binder with loose-leaf and graph paper for notes, homework, evaluations, etc.
- pencils, erasers and a ruler

**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.

**ATTENDANCE:**

- Students will be expected to maintain excellent attendance. If a student is absent from class, they are expected to log into TEAMS, PRIOR to returning to class, and ATTEMPT all lessons and assignments posted for corresponding days missed.
- If a student misses a test, it will be the responsibility of the student to present a satisfactory written excuse and to arrange to write the test on their own time.
- To be eligible for academic incentives, students must miss 7 or fewer classes & have a passing grade going into the exam. 3 lates = 1 absence

**TOPICS:**

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

**EVALUATION:**

Summative Assessments	70%
Final Assessment	30%

**ACADEMIC INCENTIVE EVALUATION:**

Summative Assessments	85%	OR	50%
Final Assessment	15%		50%

**A mark of 60% is required to receive a passing grade. Tests are written once and only once – no rewrites.**

**If you would like a BONUS MARK, have a parent or guardian email me with the following information on or before Friday, September 6, 2024:**

STUDENT'S NAME

PARENT OR GUARDIAN'S NAME

PARENT OR GUARDIAN'S CONTACT INFORMATION [ phone number(s) ]

**My email address: [tanya.matchett@nbed.nb.ca](mailto:tanya.matchett@nbed.nb.ca)**