Level of Instruction: Senior High

Curriculum Overview
Mathematics 2201 is the second course in the Academic Program for High School Mathematics in Newfoundland Labrador. This course is a pre-requisite course for Mathematics 3201 (Academic). This program is designed to provide students with the mathematical understandings and critical-thinking skills identified for entry into post-secondary programs that do not require the study of calculus. The academic mathematics program is intended to help students make connections between mathematics and its applications and to become numerate adults, using mathematics to contribute to society.

Prerequisite: Mathematics 1201

Authorized Learning Resources

- [Curriculum Guide for Mathematics 2201](http://www.ed.gov.nl.ca/edu/k12/curriculum/guides/mathematics/math2201/Math2201_Curriculum_Guide.pdf)
  http://www.ed.gov.nl.ca/edu/k12/curriculum/guides/mathematics/math2201/Math2201_Curriculum_Guide.pdf
- *Principles of Mathematics 11* (Nelson, 2011)

Course Sequence

Unit	Topic	Chapters in text	Hours of Instruction (including evaluation)	Evaluation Weighting
2	*Mathematics Inquiry**	*NA*	*6*	5%
4	Acute Triangle Trigonometry	3	9	8%
5	Radicals	4	18	16%
6	Statistical Reasoning	5	12	11%
7	Quadratic Functions	6	16	15%
8	Quadratic Equations	7	16	15%
9	Proportional Reasoning	8	10	9%
1	Inductive and Deductive Reasoning	1	10	9%
3	Properties of Angles and Triangles	2	13	12%

* While the curriculum guide places this particular unit second in the course sequence of the Curriculum Guide, schools do have the discretion to deliver this unit in a variety of ways (eg. All at once OR interspersed throughout the year) and at a time in the school year of their choice.

Recommended Assessment and Evaluation: (Central Region)

In the Central region, the evaluation of this course is governed by the Student Assessment, Evaluation, and Reporting Policy of the NLESD – Central Region. (http://www.ncsd.ca/docs/policy-new/800.9_policy.pdf)

Note:
1. Course evaluation shall reflect the percent unit allocations.
2. Midyear and Final examinations shall be constructed based on a 2 hour timeframe.
3. All evidence of learning shall be considered when determining a student's final grade. Averaging shall not be used as a sole indicator of a student's level of attainment of the course outcomes.

Tests/Quizzes	30%
Midyear Exam (Late January)	10%
Final Exam (June)	30%
Other Forms of Assessment (Could include, but is not limited to, labs, interviews, assignments, portfolio entries, journal entries, presentation, projects. Should NOT include quizzes.)	30%