

Level of Instruction: Senior High

Curriculum Overview

Mathematics 1201 is the first course in the Academic/Advanced Program for High School Mathematics in Newfoundland Labrador. This course is a pre-requisite course for Mathematics 2201 (Academic) and Mathematics 2200 (Advanced). This program is designed to provide students with the mathematical understandings and critical-thinking skills identified for entry into post-secondary programs. Students who complete the advanced program will be better prepared for programs that require the study of calculus. Both the Academic and Advanced programs aim to prepare students to make connections between mathematics and its applications and to become numerate adults, using mathematics to contribute to society.

Authorized Learning Resources

- [Curriculum Guide for Mathematics 1201](http://www.ed.gov.nl.ca/edu/k12/curriculum/guides/mathematics/index.html#math1201)
<http://www.ed.gov.nl.ca/edu/k12/curriculum/guides/mathematics/index.html#math1201>
- *Foundations and Pre-Calculus Mathematics 10* (Pearson Education Canada, 2010)

Course Sequence

Unit	Topic	Chapters in text	Hours of Instruction (including evaluation)	Evaluation Weighting
1	Measurement	1	13	12%
3	Roots and Powers	3.1, 3.2, 4	20	18%
4	Factors and Products	3.3 – 3.8	23	20%
5	Relations and Functions	5	14	13%
6	Linear Functions	6	14	13%
7	Systems of Linear Equations	7	13	12%
2	Trigonometry	2	13	12%

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%