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 (It replaces the previous Mathematics 1204 course.) This 2-credit 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 Resource

Foundations and Pre-Calculus Mathematics 10 (Pearson Education Canada, 2010)

Unit Break Down

Unit	Topic and Chapters	Chapters in text	Hours (% of course)	Approx. Completion
1	Measurement	1	15 (14%)	Oct. 3
2	Roots and Powers	3.1, 3.2, 4	20 (18%)	Nov. 18
3	Factors and Products	3.3 – 3.8	23 (20%)	Jan. 16
4	Relations and Functions	5	14 (13%)	Mar. 3
5	Linear Functions	6	14 (13%)	Apr. 2
6	Systems of Linear Equations	7	11 (10%)	May 1
7	Trigonometry	2	13 (12%)	May 29

Assessment:

Assessment in this course is governed by the *Assessment and Evaluation Policy* of the Eastern School District. This policy is located at http://www.esdnl.ca/about/policies/esd/I_IL.pdf. The regulations are located at http://www.esdnl.ca/about/policies/esd/regulations/I_IL_1L.pdf .

Assessment and Evaluation Plan for Mathematics 1201*:

Tests/Quizzes	30%
Mid-year Exam	10%
Final Exam	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%

Note: 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.

Resource Links:

[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