

Level of Instruction: Senior High

Curriculum Overview

Academic Mathematics 2200 is the second course in the Academic Program for High School Mathematics in Newfoundland Labrador (It replaces the previous Mathematics 2204 course.) This 2-credit 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. 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.

Authorized Learning Resource

Principles of Mathematics 11 (Nelson, 2011)

Unit Break Down

Unit	Topic and Chapters	Chapters in text	Hours (% of course)	Approx. Completion
1	Acute Triangle Trigonometry	3	9 (8%)	Sept. 25
2	Radicals	4	18 (17%)	Nov. 4
3	Statistical Reasoning	5	12 (11%)	Dec. 3
4	Quadratic Functions	6	16 (15%)	Feb. 4
5	Quadratic Equations	7	16 (15%)	Mar. 11
6	Proportional Reasoning	8	10 (9%)	Apr. 2
7	Inductive and Deductive Reasoning	1	10 (9%)	May 1
8	Properties of Angles and Triangles	2	13 (12%)	May 29
Mathematics Inquiry* (to be delivered in a time period/manner at the school's discretion)				

Assessment:

Assessment in this course is governed by the *Assessment and Evaluation Policy* of the Newfoundland Labrador English School District. While this policy is under review, teachers and students should follow the policy that was in place for their respective former district.

Assessment and Evaluation Plan for Mathematics 2200

Tests/Quizzes	30%
Mid-year Exam	15%
Final Exam	35%
Other Forms of Assessment (Could include, but is not limited to, labs, interviews, assignments, portfolio entries, journal entries, presentation, projects. Should NOT include quizzes.)	20%

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 2200](#)

http://www.ed.gov.nl.ca/edu/k12/curriculum/guides/mathematics/math2200/Math2200_Curriculum_Guide.pdf