Curriculum Overview

Mathematics 3200 is the third course in the Advanced Program for High School Mathematics in Newfoundland & Labrador. This program is designed to provide students with the mathematical understandings and critical-thinking skills identified for entry into post-secondary programs that require the study of calculus – specifically (but not limited to) the areas of science, mathematics and/or engineering. The Advanced Program aims to prepare students to make connections between mathematics and its applications and to become numerate adults, using mathematics to contribute to society.

Prerequisite: Mathematics 2200

Authorized Learning Resource

- Curriculum Guide:
  http://www.ed.gov.nl.ca/edu/k12/curriculum/guides/mathematics/Math_3200_Curriculum_Guide_2017.pdf

- Resource List:
  http://www.ed.gov.nl.ca/edu/k12/curriculum/documents/resourcelists/rl_math_3200_2013.pdf

Course Sequence

Unit (Guide)	Categories (Gradebook)	Chapters (Text)	Hours of Instruction (including evaluation)	Category Weighting (Gradebook)
1	Polynomial Functions	3	14	10.2%
2	Function Transformations	1	11	8.0%
3	Radical Functions	2	8	5.9%
4	Trigonometry and The Unit Circle	4	12	8.7%
5	Trigonometric Functions and Graphs	5	12	8.7%
6	Trigonometric Identities	6	15	10.9%
7	Exponential Functions	7	12	8.7%
8	Logarithmic Functions	8	12	8.7%
9	Permutations, Combinations and the Binomial Theorem	11	14	10.2%
	Midyear Exam			20%

Weightings of assessments within each Unit Based Category can be found here