Curriculum Overview

Advanced Mathematics 2200 is a prerequisite course for Mathematics 3200 (Advanced) and Mathematics 3208 (Introduction to Calculus). 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.

Prerequisite: Mathematics 1201

Authorized Learning Resources

- Curriculum Guide: http://www.ed.gov.nl.ca/edu/k12/curriculum/guides/mathematics/math2200/Mathematics_2200_Curriculum_Guide.pdf
- Resource List: http://www.ed.gov.nl.ca/edu/k12/curriculum/documents/resourcelists/rl_math_2200_2013.pdf

Course Sequence

Unit (Guide)	Categories (Gradebook)	Chapters (Text)	Hours of Instruction (including evaluation)	Category Weighting (Gradebook)
1	Trigonometry	2	14	7.6%
2	Quadratic Functions	3	13	7.1%
3	Quadratic Equations	4	16	8.7%
4	Radical Expressions and Equations	5	13	7.1%
5	Rational Expressions and Equations	6	13	7.1%
6	Absolute Value and Reciprocal Functions	7	12	6.6%
7	Systems of Equations	8	9	4.9%
8	Linear and Quadratic Inequalities	9	9	4.9%
9	Sequences and Series	1	11	6.0%
	Midyear Exam			10%
	Final Exam			30%

The Final Exam will be comprehensive in nature and contain content from the entire course.

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