**Curriculum Overview**

Mathematics 3201 is the final course in the Academic 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 do not require the study of calculus. The Academic 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 2201 or Mathematics 2200

**Authorized Learning Resources**

- Curriculum Guide:
  http://www.ed.gov.nl.ca/edu/k12/curriculum/guides/mathematics/math3201/Mathematics_3201_Curriculum_Guide.pdf
- Resource List:
  http://www.ed.gov.nl.ca/edu/k12/curriculum/documents/resourcelists/rl_math_3201_2013.pdf

**Course Sequence**

| Unit (Guide) | Categories (Gradebook) | Chapters (Text) | Hours of Instruction (including evaluation) | Category Weighting (Gradebook) |
|---|---|---|---|---|
| 1 | Set Theory | 1 | 10 | 7.2% |
| 2 | Counting Methods | 2 | 14 | 10.1% |
| 3 | Probability | 3 | 13 | 9.5% |
| 4 | Rational Expressions and Equations | 4 | 12 | 8.7% |
| 5 | Polynomial Functions | 5 | 11 | 8.0% |
| 6 | Exponential Functions | 6 | 13 | 9.5% |
| 7 | Logarithmic Functions | 7 | 13 | 9.5% |
| 8 | Sinusoidal Functions | 8 | 13 | 9.5% |
| 9 | Financial Mathematics: Borrowing Money | 10 | 11 | 8.0% |
|  |  |  |  |  |
|  | Midyear Exam |  |  | 20% |

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