

Math 1201

Course Outline 2017-2018

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Curriculum Overview

Mathematics 1201 is the first course in the Academic/Advanced Program for High School Mathematics in Newfoundland Labrador. This 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 Resources

- Curriculum Guide:
http://www.ed.gov.nl.ca/edu/k12/curriculum/guides/mathematics/math1201/Mathematics_1201_cg_Final.pdf
- Resource List:
http://www.ed.gov.nl.ca/edu/k12/curriculum/documents/resourcelists/rl_math_1201_2013.pdf

Course Sequence

Unit (Guide)	Categories (Gradebook)	Chapters (Text)	Hours of Instruction (including evaluation)	Category Weighting (Gradebook)
1	Measurement	1	13	7.1%
3	Roots and Powers	3.1, 3.2, 4	20	10.9%
4	Factors and Products	3.3 – 3.8	23	12.6%
5	Relations and Functions	5	14	7.6%
6	Linear Functions	6	14	7.6%
7	Systems of Linear Equations	7	13	7.1%
2	Trigonometry	2	13	7.1%
	Midyear Exam			10%
	Final Exam			30%

There will be little time for review due to the length of the course. Please note instructional time does not take into account exams and practising in-class work.

Your evaluation will be made up of in-class observations, work effort and homework, assignments, work samples, assignments, possible portfolio or journal entries, oral interviews, a midterm exam and as well a final exam.

These areas are subject to change to align with our new School Board Assessment Policy that is anticipated to come in effect in September 2017. You will be notified once we know. Materials Needed: A 12" ruler with cm and inches, graph paper, a scientific calculator, graphing calculator/software is necessary (quick graph app), pencils, notebook and a binder(for handout and worksheets). The text book is provided. ***You will need access to printing services.***

******Please note change in assessment policy******

* Late assignments will receive deductions in the following manner:

- ***Late 1 day: 10%***
- ***Late 2nd day: - 5% (total loss after 2 days 15%)***
- ***Late 3rd day: -5% (total loss 20%)***
- ***After 4th day assessment will be marked 0. Alternate assessment/arrangements will need to be made with the teacher to have the 0 removed from PowerSchool. This can only be done up to the end of the reporting period (ex. Report card 1 in Nov).***