

# Mathematics 9 Course Outline

## Goals

- To develop and foster skills and attitudes associated with Mathematics literacy
- To learn the prescribed curriculum as a prerequisite for future courses in Mathematics and other subject areas
- To prepare students for the standards and expectations of the high school Math program at Bert Church

## Text

Math Makes Sense 9. Pearson. \$70.00

Units (Chapters)
1. Rational Numbers (Ch 3)
2. Square roots and surface area (Ch 1)
3. Powers (Ch 2)
4. Similarities and Transformations (Ch 7)
5. Circle Geometry (Ch 8)
6. Linear relations (Ch 4)
7. Polynomials (Ch 5)
8. Linear equations and Inequalities (Ch 6)
9. Statistics

## Grade Breakdown

- Concept Check (Assignments/Mini-Homework Quizzes) 16%
- Chapter Quizzes 16%
- Chapter Exams 48%
- Midterm Exam. 5%
- In-Class Final Exam 10%

## Exam Policy

If a *unit exam* is missed for an excused absence, an alternate exam will be written when the student returns, or the weight of the exam will be transferred to the next cumulative exam (at the teacher's discretion). It is the responsibility of the student to be aware of exam dates. All exams are secured and will remain in the classroom at all times.

## Calculators

Alberta Education requires that technology be used in order to achieve learner outcomes. **All Mathematics 9 students must have their own calculator to use in the classroom.** Students will not be permitted to use calculator functions on cell phones or on any other electronic device. Alberta Education does not permit graphing calculators to be used in Math 9 P.A.T's.

## Required Materials

In addition to a calculator, students will require pencils, an eraser, and paper.

## Absences/Late Assignments

Regular attendance is critical to success in this course. Absences may seriously affect your overall success. In the event of an absence, it is the student's responsibility to find out what work must be completed and, with the teacher, determine a mutually agreed upon timeline for all missed work to be handed in for marking.

## Opportunities for Replacement Marks

Concepts Checks may be rewritten during Flex only if you have done all homework practice problems and have complete, organized notes. Replacement Concepts Checks must be completed within the unit, before the unit test.

There will be a cumulative assignment and practice exam at the end of the course. These can replace your lowest assignment mark and lowest test mark respectively.