



Grade 9 Math (10F/10T) - Course Outline

Instructor: Ryan Maksymchuk
Location: Room 204

Textbook: Baron, L.. et al, **Math Makes Sense 9**; Pearson, pub. 2009.

Resources: Many print and web-based resources will exist to inform students with respect to curriculum topics. Students will be required to create a student profile on www.deltamath.com, according to in-class demonstration. Students will be encouraged to use DeltaMath to practice and remediate skills as necessary.

Suggested Materials: writing materials, pencils, calculator, graphing paper, coloured pens, protractor, ruler, compass

Framework Reference (Government of Manitoba Web Document)
http://www.edu.gov.mb.ca/k12/cur/math/framework_9-12_rev2014/gr9.pdf

Topics of Study:

Square Roots/Surface Area	Powers & Exponents
Rational Numbers	Linear Relations
Polynomials	Linear Equations/Linear Inequalities
Similarity & Transformations	Circle Geometry
Probability & Statistics	Personal Finance

Course Evaluation: Final Examination (Mandatory)	15%
Rich Performance Tasks (explained in class)	15%
Summative Assessments (includes tests, projects, quizzes, etc.)	70%
Formative Assessments (including homework, daily work, attendance, participation, etc.)	0%
Diagnostic Assessments	0%

****Students will be given the opportunity to re-do one (1) summative assessment over the time of course delivery. Additional re-do opportunities only exist at the discretion of the instructor.**

Missing Tests:

Any student missing an important summative assessment like a test may be required to be assessed with an alternate and possibly more challenging assessment.

(Rationale: student has created an advantage by having more time to prepare and/or discuss assessment items). Missing an assessment with parental permission, illness, field trip, court appearance, etc. may still warrant an alternate assessment as per the discretion of the instructor.

Final Examination:

If a student's final exam mark is higher than their term mark, the final exam weighting will be considered at 100%. That is, if a student scores higher on the final exam than their term mark, the final exam score becomes their final course grade. This will NOT be considered in reverse (i.e. the final exam will hold a minimum respective weight as per the course outline).

Learning Behaviours:

Personal Management Skills, Active Participation in Learning and Social Responsibility are assessed during formal reporting times and are recorded on the report card.

Class Expectations/Beliefs:

It is expected that all members of the school community will uphold the underlying beliefs of the School code which include the following: Learning, Respect, Responsibility and Safety.

Students with a term average score of <50% prior to writing the Final Examination may be denied the opportunity to write it. Students who do not write the Final Examination cannot receive course credit.

Note that by selecting this particular course, students will remain with the instructor daily from September until June and receive two (2) credits in both Math 10F and Math 10T.