



**Course Description/Rationale/Overview:** This is an applied level mathematics course that may lead to the grade 11 Essential math course or to the Grade 11 College level math course. The course extends the topics that were introduced in Grade 9 and includes new concepts. The major topics include: Ratios and Proportions, Equations and Formulas, Linear Functions, Systems of Linear Functions, Quadratic Equations, Similar Triangles and Trigonometry.

**Class Requirements:**

Materials/textbooks/equipment

Texts:

Mathematics: Applying Concepts  
(McGraw-Hill Ryerson)

Recommended: A calculator, binder, paper, writing utensils and ruler are required daily.

**Course Requirements/Department Policies:**

Students are to be present for test dates. There must be a verified, valid reason when a test is missed. The teacher may provide an alternative opportunity for testing or record an "absent" for that test.

All summative assignments will have a clear *Due Date*. Assignments that are handed after the *Due Date* will be accepted and assessed by the teacher if submitted prior to the *Deadline*. The *Deadline* is defined as the class period in which that graded assignment is returned to the class, unless there are extenuating circumstances.

For the mid-term report, no mark will be recorded for a missed summative assignment.

Where a student has not submitted enough work for the teacher to determine the student's level of achievement the report card will indicate that the student's work is incomplete and no grade will be assigned.

At the semester end, where summative assessments are incomplete, a mark of zero may be assigned and used to calculate the student's final grade.

**Assessment Strategies:**

Diagnostic test during first week of class to assure proper placement in mathematics program.

Each unit or strand of the course will be evaluated using summative evaluations. Students will also be expected to complete assessment activities of a formative nature in order to learn and to practice the specific expectations that will compose these summative evaluations. Examples of summative evaluations are tests, case studies, interviews, reports, presentations, seminars, debates, research and other writing assignments.

**Achievement Categories:**

Knowledge/Understanding	50%
Thinking/Inquiry	25%
Communication	10%
Application	15%

**Curriculum Strands:**

- Measurement & Geometry
- Linear Relations
- Quadratic Functions

**Learning Skills:**

- Works Independently
- Team work
- Organization
- Work Habits
- Initiative

**Evaluation:**

The year's work will be based on the following assessment tools that will include one or more of the four Achievement Categories striving to meet the overall percentages established for each category:

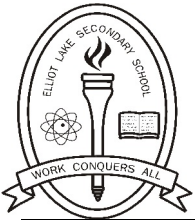
- quizzes and tests
- assignments/projects
- presentations
- culminating task
- exam

**FINAL MARK:**

**Year's Work: 70%**

**Final Summative Evaluation: 30%**

Culminating Task	5%
Final Exam	25%



**Elliot Lake  
Secondary  
School**

# Evaluation Profile & Outline

**2007/2008**  
*Course Code*

## COURSE OUTLINE

COURSE OUTLINE			
<b>Unit 1</b>  Brief description of unit of study	List of strands included in unit	Types of activities and the categories of achievement that they evaluate	Percent that unit represents out of the <b>70%</b> for the Summative Tasks
<b>Unit 2</b>			
<b>Unit 3</b>			
<b>Unit 4</b>			
<b>Unit 5</b>			
<b>Unit 6</b>			
<b>Summative Evaluation</b>  Types of evaluation used to determine final 30 % of mark: exam, presentations, scrapbooks, etc..			Percent that each task represents out of <b>30%</b> for final summative evaluation