



Textbook: Applying the Concepts

Replacement Value: \$80

**COURSE DESCRIPTION:**

This course enables students to consolidate their understanding of linear relations and extend their problem-solving and algebraic skills through investigation, the effective use of technology, and hands-on activities. Students will develop and graph equations in analytic geometry; solve and apply linear systems, using real-life examples; and explore and interpret graphs of quadratic relations. Students will consolidate their mathematical skills as they solve problems and communicate their thinking.

The curriculum document is available from: <http://www.edu.gov.on.ca/eng/curriculum/secondary/math910curr.pdf>

**UNITS OF STUDY:** The order of the units may vary between classes.

Unit 1	Measurement and Trigonometry
Unit 2	Modelling Linear Relations
Unit 3	Quadratic Relations

**ASSESSMENT AND EVALUATION:**

Course Mark: Term 70% + Summative 10% + Final Exam 20%

• **Term:**

*The term mark consists of tests, quizzes, and assignments which are based on the following four categories:*

Categories	%
<b>Knowledge &amp; Understanding</b>	<b>35 - 45</b>
<b>Applications</b>	<b>30 - 40</b>
<b>Communications</b>	<b>10 - 15</b>
<b>Thinking, Inquiry &amp; Problem Solving</b>	<b>10 - 15</b>

• **Summative and Exams:**

In all courses, 30% of the final mark is comprised of a summative task and a final examination. All students are required by law to write summative assignments and formal examinations. It is important to note that, in the rare case, should a student miss an examination or summative assignment deemed legitimate by the Principal, the student will be required to complete the missed evaluation at a later date.

To ensure that the most recent level of achievement is reflected in the final grade, the lowest unit test mark may be replaced with the exam mark (to the maximum of double the unit mark).

• **Assignments and Tasks:**

Assignments have due dates and students are expected to respect these. Under special circumstances, extensions may be granted at the teacher's discretion. Habitual neglect of duty in this regard may result in behavioural consequences.

• **Tests:**

Students will be given a minimum of four-calendar days notice that a unit test is to be written. Students are expected to be present for tests and any other in-class evaluation. Those students, who know in advance that they will be away on the day of a test, are expected to negotiate alternate arrangements with their teacher prior to the test date.

If students are unable to demonstrate the basic unit expectations before the test, they will not write the test on the scheduled date. Students will be given further opportunity to demonstrate they can meet unit expectations. The following are the marking blocks allocated for replacement evaluations:

1<sup>st</sup> semester courses: first week of November second week of January  
 2<sup>nd</sup> semester courses: last week in March first week in June

**ADDITIONAL NOTES:**

Students rights and responsibilities are the cornerstone of academic success and include: attendance, punctuality, timely completion of homework and assignments, and academic integrity. Students are responsible for:

- Self advocacy
- Completion and submission of their own work
- Submission of required assignments on the assigned due date
- Striving for excellence
- Completion of course requirements