**Grade 12 Essential Mathematics**

**Description**

Grade 12 Essential Mathematics 40S is intended for students whose post-secondary planning does not include a focus on mathematics and science-related fields. This course addresses mathematics that may be encountered in daily life in the context of consumer applications, problem solving, decision-making and spatial sense. Students will develop skills and knowledge to become informed consumers and citizens.

It is imperative that students log in daily, for at least an hour each day. Students work through the lessons independently and can email the teacher with questions. A significant amount of work will be required to complete the lessons, practice material and prepare for assessments in this course. Due dates are set for all assignments and tests to help students stay on track and increase success.

**Modules**

The course is organized into the following topics.

* Home Finance
* Statistics
* Precision Measurement
* Vehicle Finance
* Geometry and Trigonometry
* Business Finance
* Career Life Project
* Probability

**Evaluation**

Assignments 35 %

Test 45 %

Provincial Exam 20 %

**Materials**

* Computer or laptop
  + It is best to complete the course on a computer instead of a mobile device.
* Scientific calculator
  + The use of a phone or computer calculator app is not permitted on tests. It is advised to always practice with a handheld calculator.
* Lined paper
  + Regular practice is required to master math skills. This is best completed on paper to encourage clear notation.
* Pencil and eraser