Course Name:   Math **Essentials 40S**

Course Summary and Expectations:

Grade 12 Essentials Mathematics (40S) demonstrates how to use mathematics in everyday life. You will be exposed to applications that you will likely encounter in your day-to-day life perhaps now and definitely in the future. As you begin to establish your independence this course will provide you with the skills and knowledge to become an informed citizen and consumer.

Due dates for the entire semester are pre-scheduled, to help students stay on track with timing and the material of the course. Students are expected to work through the Content material on their own time (roughly one hour per school day on average), and to email their teacher if they are feeling stuck or have questions. Roughly, each Module is scheduled to take two weeks to complete.

In this course, there are 8 Modules, one of which being a Project. The Modules are listed below.

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

Each Module is composed of a series of learning experiences, each on a particular mathematical topic. A short introduction will describe the topic and list the goals of the learning experience. Each learning experience presents information and explanations, as well as a number of learning activities that you will be engaged in. These learning activities will lead you though your investigation of the mathematical concepts and ideas and give you an opportunity to practice as you learn.

Evaluation/Grading Summary:

Assignments 35%

Tests 45%

Provincial Exam 20%

In this course, there is one Test per Module, and each Module has anywhere from 2-5 Assignments for students to show their learning.