**Foundations and Pre-Calculus 10: Course Outline**

**Course Description:**

We will work to build our numeracy skills in preparation for Pre-Calculus 11 and Foundations of Math 11. The interplay between geometry and algebra will be emphasized throughout, and we will work to develop a high level of fluency in the communication of mathematical ideas and processes.

**Units:**

Trigonometry, Polynomial Expressions, Power Expressions, Functions and Relations, Properties of Linear Functions, Systems of Equations, Probability, Financial Literacy.

**Assessment:**

Student learning is a continuous and organic process. Different people learn at different rates and in different ways. In an effort to accommodate this, both formal and informal modes of assessment will be utilized. Informal assessments may include in-class problem solving activities, conversations, warmup questions and other anecdotal observations. Formal assessments may include quizzes, cumulative tests, projects, and/or midterm/final exams.

**Grading:**

Specific weights for grading will vary according to the professional judgement of each individual instructor.

**Note about forthcoming curricular changes:**

Detailed information about the upcoming changes to our math curriculum can be found via the BC Ministry of Education [here](https://curriculum.gov.bc.ca/curriculum/10-12#m).

In brief, the prescribed changes are meant to shift some of our teaching focus toward the Core Competencies: Personal & Social, Communication and Thinking. Content and computational techniqueswill continue to be emphasized; however, we will endeavour to view them through a more holistic and reflective lens. Further details can be found via the BC Ministry of Education [here](https://curriculum.gov.bc.ca/competencies).