Course: Mathematics 12 Pre-Calculus
Course Format: Online
Credits: 4

Description: The goal of this course is to provide students with the mathematical understandings and critical-thinking skills identified for post-secondary studies that require the study of theoretical Calculus.

Content Learning Standards:

- Number: logarithmic functions and equations; exponential equations; operations on logarithms; polynomial functions and equations; rational functions
- Computational Fluency: transformations of functions
- Patterning: sequences and series
- Geometry and Measurement: conics; trigonometric functions and equations with real numbers; trigonometric identities
- Focus on problem solving
- First Peoples perspectives are reflected throughout the learning standards

Curricular Competency Development Leaning Standards:

- Reasoning and modelling
- Understanding and solving
- Communicating and representing
- Connecting and reflecting

After successful completion of the Mathematics 12 Pre-calculus course students can choose to take Calculus 12 to continue to develop the conceptual knowledge and skill set that will be useful for them moving forward to post-secondary programs that require Calculus.

Recommended Prerequisite: Mathematics 11 Pre-calculus
Resources: Online course materials are provided. Personal computer and internet connection are required (not supplied by SAIL). Please note: online course platform is not fully compatible with tablets or smartphones.