Course: Mathematics 11 Foundations
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 do not require the study of theoretical Calculus.

Content Learning Standards:
- Number: financial literacy: investments and loans
- Computational Fluency: graphical representations of quadratic functions; solving systems of linear inequalities
- Patterning: mathematical reasoning and logic
- Geometry and Measurement: angle relationships; trigonometry with oblique angles
- Data and Probability: graphical solutions to systems of equations; applications of probabilities and statistics in the real world; mathematics as a tool when conducting research; financial literacy: investments and loans
- Focus on problem solving
- First Peoples perspectives are reflected throughout the learning standards
- Financial literacy: regardless of the course selections made by students, there is a common experience in Mathematics that includes financial literacy

Curricular Competency Development Learning Standards:
- Reasoning and modelling
- Understanding and solving
- Communicating and representing
- Connecting and reflecting

After successful completion of the Mathematics 11 Foundations course students can choose to take Foundations of Mathematics 12 to continue to develop the conceptual knowledge and skill set that will be useful for them moving forward to postsecondary programs that do not require Calculus.

Recommended Prerequisite: Mathematics 10 Foundations & Pre-calculus
Resources: Online course materials