Pathways and Courses

The graphic below summarizes the three mathematics pathways and courses currently offered.

Mathematics K-9

Grade 10

All students are required to successfully complete Geometry, Measurement, and Finance 10.
 Number, Relations and Functions 10 is a credit course for high school graduation, it is a prerequisite course prior to the Foundations of Mathematics and Calculus mathematics pathways.

Geometry, Measurement and Finance 10

Number, Relations and Functions 10

Grade 11

- Students must successfully complete Geometry, Measurement and Finance 10 before enrolling in Financial and Workplace Mathematics 11.
- Students must successfully complete Geometry, Measurement and Finance 10 and Number, Relations and Functions 10 before enrolling in Foundations of Mathematics 110.
- Students must successfully complete Foundations of Mathematics 110 (as well as successfully complete both Grade 10 mathematics courses) before enrolling in Pre-Calculus 110.

Financial and Workplace Mathematics 110

Pre-requisite:

Geometry, Measurement and Finance 10

Foundations of Mathematics 110

Pre-requisites:

Functions 10

Geometry, Measurement and Finance 1 **and** Number, Relations and

Pre-Calculus 110

<u>Pre-requisite or Co-requisite:</u>
Foundations of
Mathematics 110

Grade 12

- Students must successfully complete Financial and Workplace Mathematics 110 or Foundations of Mathematics 110 before enrolling in Financial and Workplace Mathematics 120.
- Students must successfully complete Foundations of Mathematics 110 before enrolling in Foundations of Mathematics 120.

 Students must successfully complete Pre-Calculus 110 before enrolling in Pre-Calculus A 120.

Financial and Workplace Mathematics 120

Pre-requisite:

Financial and Workplace Mathematics 110 **or**

Foundations of Mathematics 110

Foundations of Mathematics 120

Pre-requisite: Foundations of

Mathematics 110

Pre-Calculus A 120

Pre-requisite: Pre-Calculus 110

Pre-Calculus B 120

<u>Pre-requisite or Co-requisite:</u> Pre-Calculus A 120

Calculus 120

Pre-requisites:

Pre-Calculus A 120 **and** Pre-Calculus B 120

Beginning September 2020, students expected to graduate in 2023 must complete 18 credits for high school graduation, 2 of which must be Mathematics credits.

Numbers, Relations and Functions is considered a mathematics credit, as well as all Grade 11 and Grade 12 courses within the three mathematics graduation pathways.