

Course	Program	Grade	Course Dates	Level
<b>ENG1D1</b>	Credit Upgrading (Real-time) Semester 1	9	Wed, July 6 to Mon, July 18	Academic

**Course Name**

English

**Prerequisite**

Passed ENG1D1 in the 2021-2022 school year.

**Description**

This course is designed to develop the oral communication, reading, writing, and media literacy skills that students need for success in their secondary school academic programs and in their daily lives. Students will analyse literary texts from contemporary and historical periods, interpret informational and graphic texts, and create oral, written, and media texts in a variety of forms. An important focus will be on the use of strategies that contribute to effective communication. The course is intended to prepare students for the Grade 10 academic English course, which leads to university or college preparation courses in Grades 11 and 12.

Course	Program	Grade	Course Dates	Level
<b>ENG1P1</b>	Credit Upgrading (Real-time) Semester 1	9	Wed, July 6 to Mon, July 18	Applied

**Course Name**

English

**Prerequisite**

Passed ENG1P1 in the 2021-2022 school year.

**Description**

This course is designed to develop the key oral communication, reading, writing, and media literacy skills students need for success in secondary school and daily life. Students will read, interpret, and create a variety of informational, literary, and graphic texts. An important focus will be on identifying and using appropriate strategies and processes to improve students' comprehension of texts and to help them communicate clearly and effectively. The course is intended to prepare students for the Grade 10 applied English course, which leads to college or workplace preparation courses in Grades 11 and 12.

Course	Program	Grade	Course Dates	Level
<b>ENG2D1</b>	Credit Upgrading (Real-time) Semester 1	10	Wed, July 6 to Mon, July 18	Academic

**Course Name**

English

**Prerequisite**

Passed ENG2D1 in the 2021-2022 school year.

**Description**

This course is designed to extend the range of oral communication, reading, writing, and media literacy skills that students need for success in their secondary school academic programs and in their daily lives. Students will analyse literary texts from contemporary and historical periods, interpret and evaluate informational and graphic texts, and create oral, written, and media texts in a variety of forms. An important focus will be on the selective use of strategies that contribute to effective communication. This course is intended to prepare students for the compulsory Grade 11 university or college preparation course.

Course	Program	Grade	Course Dates	Level
<b>ENG2P1</b>	Credit Upgrading (Real-time) Semester 1	10	Wed, July 6 to Mon, July 18	Applied

**Course Name**

English

**Prerequisite**

Passed ENG2P1 in the 2021-2022 school year.

**Description**

This course is designed to extend the range of oral communication, reading, writing, and media literacy skills that students need for success in secondary school and daily life. Students will study and create a variety of informational, literary, and graphic texts. An important focus will be on the consolidation of strategies and processes that help students interpret texts and communicate clearly and effectively. This course is intended to prepare students for the compulsory Grade 11 college or workplace preparation course.

Course	Program	Grade	Course Dates	Level
<b>ENG3C1</b>	Credit Upgrading (Real-time) Semester 1	11	Wed, July 6 to Mon, July 18	College

**Course Name**

English

**Prerequisite**

Passed ENG3C1 in the 2021-2022 school year.

**Description**

This course emphasizes the development of literacy, communication, and critical and creative thinking skills necessary for success in academic and daily life. Students will study the content, form, and style of a variety of informational and graphic texts, as well as literary texts from Canada and other countries, and create oral, written, and media texts in a variety of forms for practical and academic purposes. An important focus will be on using language with precision and clarity. The course is intended to prepare students for the compulsory Grade 12 college preparation course.

Course	Program	Grade	Course Dates	Level
<b>ENG3U1</b>	Credit Upgrading (Real-time) Semester 1	11	Wed, July 6 to Mon, July 18	University

**Course Name**

English

**Prerequisite**

Passed ENG3U1 in the 2021-2022 school year.

**Description**

This course emphasizes the development of literacy, communication, and critical and creative thinking skills necessary for success in academic and daily life. Students will analyse challenging literary texts from various periods, countries, and cultures, as well as a range of informational and graphic texts, and create oral, written, and media texts in a variety of forms. An important focus will be on using language with precision and clarity and incorporating stylistic devices appropriately and effectively. The course is intended to prepare students for the compulsory Grade 12 university or college preparation course.

Course	Program	Grade	Course Dates	Level
<b>ENG4C1</b>	Credit Upgrading (Real-time) Semester 1	12	Wed, July 6 to Mon, July 18	College

**Course Name**

English

**Prerequisite**

Passed ENG4C1 in the 2021-2022 school year.

**Description**

This course emphasizes the consolidation of literacy, communication, and critical and creative thinking skills necessary for success in academic and daily life. Students will analyse a variety of informational and graphic texts, as well as literary texts from various countries and cultures, and create oral, written, and media texts in a variety of forms for practical and academic purposes. An important focus will be on using language with precision and clarity and developing greater control in writing. The course is intended to prepare students for college or the workplace.

Course	Program	Grade	Course Dates	Level
<b>ENG4U1</b>	Credit Upgrading (Real-time) Semester 1	12	Wed, July 6 to Mon, July 18	University

**Course Name**

English

**Prerequisite**

Passed ENG4U1 in the 2021-2022 school year.

**Description**

This course emphasizes the consolidation of the literacy, communication, and critical and creative thinking skills necessary for success in academic and daily life. Students will analyse a range of challenging literary texts from various periods, countries, and cultures; interpret and evaluate informational and graphic texts; and create oral, written, and media texts in a variety of forms. An important focus will be on using academic language coherently and confidently, selecting the reading strategies best suited to particular texts and particular purposes for reading, and developing greater control in writing. The course is intended to prepare students for university, college, or the workplace.

Course	Program	Grade	Course Dates	Level
<b>MAP4C1</b>	Credit Upgrading (Real-time) Semester 1	12	Wed, July 6 to Mon, July 18	College

**Course Name** Foundations for College Mathematics  
**Prerequisite** Passed MAP4C1 in the 2021-2022 school year.

#### Description

This course enables students to broaden their understanding of real-world applications of mathematics. Students will analyse data using statistical methods; solve problems involving applications of geometry and trigonometry; solve financial problems connected with annuities, budgets, and renting or owning accommodation; simplify expressions; and solve equations. Students will reason mathematically and communicate their thinking as they solve multi-step problems. This course prepares students for college programs in areas such as business, health sciences, and human services, and for certain skilled trades.

Course	Program	Grade	Course Dates	Level
<b>MBF3C1</b>	Credit Upgrading (Real-time) Semester 1	11	Wed, July 6 to Mon, July 18	College

**Course Name** Foundations for College Mathematics  
**Prerequisite** Passed MBF3C1 in the 2021-2022 school year.

#### Description

This course enables students to broaden their understanding of mathematics as a problemsolving tool in the real world. Students will extend their understanding of quadratic relations; investigate situations involving exponential growth; solve problems involving compound interest; solve financial problems connected with vehicle ownership; develop their ability to reason by collecting, analysing, and evaluating data involving one variable; connect probability and statistics; and solve problems in geometry and trigonometry. Students will consolidate their mathematical skills as they solve problems and communicate their thinking.

Course	Program	Grade	Course Dates	Level
<b>MCF3M1</b>	Credit Upgrading (Real-time) Semester 1	11	Wed, July 6 to Mon, July 18	College/University

**Course Name** Functions and Applications  
**Prerequisite** Passed MCF3M1 in the 2021-2022 school year.

#### Description

This course introduces basic features of the function by extending students' experiences with quadratic relations. It focuses on quadratic, trigonometric, and exponential functions and their use in modelling real-world situations. Students will represent functions numerically, graphically, and algebraically; simplify expressions; solve equations; and solve problems relating to applications. Students will reason mathematically and communicate their thinking as they solve multi-step problems.

Course	Program	Grade	Course Dates	Level
<b>MCR3U1</b>	Credit Upgrading (Real-time) Semester 1	11	Wed, July 6 to Mon, July 18	University

**Course Name** Functions  
**Prerequisite** Passed MCR3U1 in the 2021-2022 school year.

#### Description

This course introduces the mathematical concept of the function by extending students' experiences with linear and quadratic relations. Students will investigate properties of discrete and continuous functions, including trigonometric and exponential functions; represent functions numerically, algebraically, and graphically; solve problems involving applications of functions; investigate inverse functions; and develop facility in determining equivalent algebraic expressions. Students will reason mathematically and communicate their thinking as they solve multi-step problems.

Course	Program	Grade	Course Dates	Level
<b>MCT4C1</b>	Credit Upgrading (Real-time) Semester 1	12	Wed, July 6 to Mon, July 18	College

**Course Name**

Foundations for College Technology

**Prerequisite**

Passed MCT4C1 in the 2021-2022 school year.

**Description**

This course enables students to extend their knowledge of functions. Students will investigate and apply properties of polynomial, exponential, and trigonometric functions; continue to represent functions numerically, graphically, and algebraically; develop facility in simplifying expressions and solving equations; and solve problems that address applications of algebra, trigonometry, vectors, and geometry. Students will reason mathematically and communicate their thinking as they solve multi-step problems. This course prepares students for a variety of college technology programs.

Course	Program	Grade	Course Dates	Level
<b>MCV4U1</b>	Credit Upgrading (Real-time) Semester 1	12	Wed, July 6 to Mon, July 18	University

**Course Name**

Calculus and Vectors

**Prerequisite**

Passed MCV4U1 in the 2021-2022 school year.

**Description**

This course builds on students' previous experience with functions and their developing understanding of rates of change. Students will solve problems involving geometric and algebraic representations of vectors and representations of lines and planes in threedimensional space; broaden their understanding of rates of change to include the derivatives of polynomial, sinusoidal, exponential, rational, and radical functions; and apply these concepts and skills to the modelling of real-world relationships. Students will also refine their use of the mathematical processes necessary for success in senior mathematics. This course is intended for students who choose to pursue careers in fields such as science, engineering, economics, and some areas of business, including those students who will be required to take a university-level calculus, linear algebra, or physics course.

Course	Program	Grade	Course Dates	Level
<b>MDM4U1</b>	Credit Upgrading (Real-time) Semester 1	12	Wed, July 6 to Mon, July 18	University

**Course Name**

Mathematics of Data Management

**Prerequisite**

Passed MDM4U1 in the 2021-2022 school year.

**Description**

This course broadens students' understanding of mathematics as it relates to managing data. Students will apply methods for organizing and analysing large amounts of information; solve problems involving probability and statistics; and carry out a culminating investigation that integrates statistical concepts and skills. Students will also refine their use of the mathematical processes necessary for success in senior mathematics. Students planning to enter university programs in business, the social sciences, and the humanities will find this course of particular interest.

Course	Program	Grade	Course Dates	Level
<b>MFM1P1</b>	Credit Upgrading (Real-time) Semester 1	9	Wed, July 6 to Mon, July 18	Applied

**Course Name**

Foundations of Mathematics

**Prerequisite**

Passed MFM1P1 in the 2021-2022 school year.

**Description**

This course enables students to develop an understanding of mathematical concepts related to introductory algebra, proportional reasoning, and measurement and geometry through investigation, the effective use of technology, and hands-on activities. Students will investigate real-life examples to develop various representations of linear relations, and will determine the connections between the representations. They will also explore certain relationships that emerge from the measurement of three-dimensional figures and two-dimensional shapes. Students will consolidate their mathematical skills as they solve problems and communicate their thinking.

Course	Program	Grade	Course Dates	Level
<b>MFM2P1</b>	Credit Upgrading (Real-time) Semester 1	10	Wed, July 6 to Mon, July 18	Applied

**Course Name**

Foundations of Mathematics

**Prerequisite**

Passed MFM2P1 in the 2021-2022 school year.

**Description**

This course enables students to consolidate their understanding of linear relations and extend their problem-solving and algebraic skills through investigation, the effective use of technology, and hands-on activities. Students will develop and graph equations in analytic geometry; solve and apply linear systems, using real-life examples; and explore and interpret graphs of quadratic relations. Students will investigate similar triangles, the trigonometry of right triangles, and the measurement of three-dimensional figures. Students will consolidate their mathematical skills as they solve problems and communicate their thinking.

Course	Program	Grade	Course Dates	Level
<b>MPM1D1</b>	Credit Upgrading (Real-time) Semester 1	9	Wed, July 6 to Mon, July 18	Academic

**Course Name**

Principles of Mathematics

**Prerequisite**

Passed MPM1D1 in the 2021-2022 school year.

**Description**

This course enables students to develop an understanding of mathematical concepts related to algebra, analytic geometry, and measurement and geometry through investigation, the effective use of technology, and abstract reasoning. Students will investigate relationships, which they will then generalize as equations of lines, and will determine the connections between different representations of a linear relation. They will also explore relationships that emerge from the measurement of three-dimensional figures and two-dimensional shapes. Students will reason mathematically and communicate their thinking as they solve multi-step problems.

Course	Program	Grade	Course Dates	Level
<b>MPM2D1</b>	Credit Upgrading (Real-time) Semester 1	10	Wed, July 6 to Mon, July 18	Academic

**Course Name**

Principles of Mathematics

**Prerequisite**

Passed MPM2D1 in the 2021-2022 school year.

**Description**

This course enables students to broaden their understanding of relationships and extend their problem-solving and algebraic skills through investigation, the effective use of technology, and abstract reasoning. Students will explore quadratic relations and their applications; solve and apply linear systems; verify properties of geometric figures using analytic geometry; and investigate the trigonometry of right and acute triangles. Students will reason mathematically and communicate their thinking as they solve multi-step problems.

Course	Program	Grade	Course Dates	Level
<b>MTH1W1</b>	Credit Upgrading (Real-time) Semester 1	9	Wed, July 6 to Mon, July 18	De-streamed

**Course Name**

Mathematics

**Prerequisite**

Passed MTH1W1 in the 2021-2022 school year.

**Description**

This course enables students to consolidate, and continue to develop, an understanding of mathematical concepts related to number sense and operations, algebra, measurement, geometry, data, probability, and financial literacy. Students will use mathematical processes, mathematical modelling, and coding to make sense of the mathematics they are learning and to apply their understanding to culturally responsive and relevant real-world situations. Students will continue to enhance their mathematical reasoning skills, including proportional reasoning, spatial reasoning, and algebraic reasoning, as they solve problems and communicate their thinking.