

Course	Program	Grade	Course Dates	Level
<b>BBB4M1</b>	eLearning July	12	Mon, July 5 to Wed, July 28	College/University

Course Name	Prerequisite
International Business Fundamentals	None

#### Description

This course provides an overview of the importance of international business and trade in the global economy and explores the factors that influence success in international markets. Students will learn about the techniques and strategies associated with marketing, distribution, and managing international business effectively. This course prepares students for postsecondary programs in business, including international business, marketing, and management.

Course	Program	Grade	Course Dates	Level
<b>CHV201</b>	eLearning July, CHV	10	Mon, July 5 to Thu, July 15	Open

Course Name	Prerequisite
Civics and Citizenship	None

#### Description

This course explores rights and responsibilities associated with being an active citizen in a democratic society. Students will explore issues of civic importance such as healthy schools, community planning, environmental responsibility, and the influence of social media, while developing their understanding of the role of civic engagement and of political processes in the local, national, and/or global community. Students will apply the concepts of political thinking and the political inquiry process to investigate, and express informed opinions about, a range of political issues and developments that are both of significance in today's world and of personal interest to them.

Course	Program	Grade	Course Dates	Level
<b>CHV20F</b>	eLearning July, CHV	10	Mon, July 5 to Thu, July 15	Open

Course Name	Prerequisite
Civic and Citizenship	None

#### Description

This course explores rights and responsibilities associated with being an active citizen in a democratic society. Students will explore issues of civic importance such as healthy schools, community planning, environmental responsibility, and the influence of social media, while developing their understanding of the role of civic engagement and of political processes in the local, national, and/or global community. Students will apply the concepts of political thinking and the political inquiry process to investigate, and express informed opinions about, a range of political issues and developments that are both of significance in today's world and of personal interest to them.

Course	Program	Grade	Course Dates	Level
<b>ENG3C1</b>	eLearning July	11	Mon, July 5 to Wed, July 28	College

Course Name	Prerequisite
English	ENG2P

#### 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
ENG3U1	eLearning July	11	Mon, July 5 to Wed, July 28	University

Course Name	Prerequisite
English	ENG2D

#### 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
ENG4C1	eLearning July	12	Mon, July 5 to Wed, July 28	College

Course Name	Prerequisite
English	ENG3C

#### 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
ENG4U1	eLearning July	12	Mon, July 5 to Wed, July 28	University

Course Name	Prerequisite
English	ENG3U

#### 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
GLC2O1	eLearning July, GLC	10	Fri, July 16 to Wed, July 28	Open

Course Name	Prerequisite
Career Studies	None

#### Description

This course gives students the opportunity to develop the skills, knowledge, and habits that will support them in their education and career/life planning. Students will learn about global work trends, and seek opportunities within the school and community to expand and strengthen their transferable skills and their ability to adapt to the changing world of work. On the basis of exploration, reflective practice, and decision-making processes, students will make connections between their skills, interests, and values and their postsecondary options, whether in apprenticeship training, college, community living, university, or the workplace. They will set goals and create a plan for their first postsecondary year. As part of their preparation for the future, they will learn about personal financial management – including the variety of saving and borrowing tools available to them and how to use them to their advantage – and develop a budget for their first year after secondary school.

Course	Program	Grade	Course Dates	Level
GLC20F	eLearning July, GLC	10	Fri, July 16 to Wed, July 28	Open

Course Name	Prerequisite
Career Studies	None

#### Description

This course gives students the opportunity to develop the skills, knowledge, and habits that will support them in their education and career/life planning. Students will learn about global work trends, and seek opportunities within the school and community to expand and strengthen their transferable skills and their ability to adapt to the changing world of work. On the basis of exploration, reflective practice, and decision-making processes, students will make connections between their skills, interests, and values and their postsecondary options, whether in apprenticeship training, college, community living, university, or the workplace. They will set goals and create a plan for their first postsecondary year. As part of their preparation for the future, they will learn about personal financial management – including the variety of saving and borrowing tools available to them and how to use them to their advantage – and develop a budget for their first year after secondary school.

Course	Program	Grade	Course Dates	Level
HNB4M1	eLearning July	12	Mon, July 5 to Wed, July 28	College/University

Course Name	Prerequisite
The World of Fashion	Any university or university/college preparation course in social sciences and humanities, English, or Canadian and world studies

#### Description

This course gives students the opportunity to explore the world of fashion. Students will learn how to create a fashion product using various tools, techniques, and technologies while developing their practical skills. Students will learn about various factors that affect the global fashion industry, the needs of specialized markets, and the impact of fibre and fabric production and care. In addition, they will learn about social and historical influences on fashion. Students will apply research skills when investigating aspects of the fashion world.

Course	Program	Grade	Course Dates	Level
HSC4M1	eLearning July	12	Mon, July 5 to Wed, July 28	College/University

Course Name	Prerequisite
World Cultures	Any university, college, or university/college preparation course in social sciences and humanities, English, or Canadian and world studies

#### Description

This course examines the nature of culture; how cultural identities are acquired, maintained, and transformed; and theories used to analyse cultures. Students will explore world cultures, with an emphasis on the analysis of religious and spiritual beliefs, art forms, and philosophy. They will study the contributions and influence of a range of cultural groups and will critically analyse issues facing ethnocultural groups within Canada and around the world. Students will develop and apply research skills and will design and implement a social action initiative relating to cultural diversity.

Course	Program	Grade	Course Dates	Level
HSP3C1	eLearning July	11	Mon, July 5 to Wed, July 28	College

Course Name	Prerequisite
Introduction to Anthropology, Psychology and Sociology	None

#### Description

This course introduces students to theories, questions, and issues related to anthropology, psychology, and sociology. Students learn about approaches and research methods used by social scientists. Students will be given opportunities to apply theories from a variety of perspectives, to conduct social science research, and to become familiar with current issues within the three disciplines.

Course	Program	Grade	Course Dates	Level
HSP3U1	eLearning July	11	Mon, July 5 to Wed, July 28	University

**Course Name**

Introduction to Anthropology, Psychology and Sociology

**Prerequisite**

The Grade 10 academic course in English, or the Grade 10 academic history course (Canadian and world studies)

**Description**

This course provides students with opportunities to think critically about theories, questions, and issues related to anthropology, psychology, and sociology. Students will develop an understanding of the approaches and research methods used by social scientists. They will be given opportunities to explore theories from a variety of perspectives, to conduct social science research, and to become familiar with current thinking on a range of issues within the three disciplines.

Course	Program	Grade	Course Dates	Level
MAP4C1	eLearning July	12	Mon, July 5 to Wed, July 28	College

**Course Name**

Foundations for College Mathematics

**Prerequisite**

MBF3C or MCF3M

**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
MBF3C1	eLearning July	11	Mon, July 5 to Wed, July 28	College

**Course Name**

Foundations for College Mathematics

**Prerequisite**

MFM2P

**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
MCF3M1	eLearning July	11	Mon, July 5 to Wed, July 28	College/University

**Course Name**

Functions and Applications

**Prerequisite**

MFM2P or MPM2D

**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>	eLearning July	11	Mon, July 5 to Wed, July 28	University

<b>Course Name</b>	<b>Prerequisite</b>
Functions	MFM2D

#### 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>MCV4U1</b>	eLearning July	12	Mon, July 5 to Wed, July 28	University

<b>Course Name</b>	<b>Prerequisite</b>
Calculus and Vectors	MCR3U and MHF4U. Note: MHF4U may be taken as a co-requisite.

#### 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 three-dimensional 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>	eLearning July	12	Mon, July 5 to Wed, July 28	University

<b>Course Name</b>	<b>Prerequisite</b>
Mathematics of Data Management	MCF3M or MCR3U

#### 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>MHF4U1</b>	eLearning July	12	Mon, July 5 to Wed, July 28	University

<b>Course Name</b>	<b>Prerequisite</b>
Advanced Functions	MCR3U or MCT4C

#### Description

This course extends students' experience with functions. Students will investigate the properties of polynomial, rational, logarithmic, and trigonometric functions; develop techniques for combining functions; broaden their understanding of rates of change; and develop facility in applying these concepts and skills. Students will also refine their use of the mathematical processes necessary for success in senior mathematics. This course is intended both for students taking the Calculus and Vectors course as a prerequisite for a university program and for those wishing to consolidate their understanding of mathematics before proceeding to any one of a variety of university programs.

Course	Program	Grade	Course Dates	Level
<b>OLC401</b>	eLearning July	12	Mon, July 5 to Wed, July 28	Open

**Course Name**

Ontario Secondary School Literacy Course

**Prerequisite**

Students who have been eligible to write the OSSLT at least twice and who have been unsuccessful at least once are eligible to take the course. (Students who have already met the literacy requirement for graduation may be eligible to take the course under special circumstances, at the discretion of the principal.)

**Description**

This course is designed to help students acquire and demonstrate the cross-curricular literacy skills that are evaluated by the Ontario Secondary School Literacy Test (OSSLT). Students who complete the course successfully will meet the provincial literacy requirement for graduation. Students will read a variety of informational, narrative, and graphic texts and will produce a variety of forms of writing, including summaries, information paragraphs, opinion pieces, and news reports. Students will also maintain and manage a portfolio containing a record of their reading experiences and samples of their writing.

Course	Program	Grade	Course Dates	Level
<b>SBI3C1</b>	eLearning July	11	Mon, July 5 to Wed, July 28	College

**Course Name**

Biology

**Prerequisite**

SNC2P or SNC2D

**Description**

This course focuses on the processes that occur in biological systems. Students will learn concepts and theories as they conduct investigations in the areas of cellular biology, microbiology, genetics, the anatomy of mammals, and the structure of plants and their role in the natural environment. Emphasis will be placed on the practical application of concepts, and on the skills needed for further study in various branches of the life sciences and related fields.

Course	Program	Grade	Course Dates	Level
<b>SBI3U1</b>	eLearning July	11	Mon, July 5 to Wed, July 28	University

**Course Name**

Biology

**Prerequisite**

SNC2D

**Description**

This course furthers students' understanding of the processes that occur in biological systems. Students will study theory and conduct investigations in the areas of biodiversity; evolution; genetic processes; the structure and function of animals; and the anatomy, growth, and function of plants. The course focuses on the theoretical aspects of the topics under study, and helps students refine skills related to scientific investigation.

Course	Program	Grade	Course Dates	Level
<b>SBI4U1</b>	eLearning July	12	Mon, July 5 to Wed, July 28	University

**Course Name**

Biology

**Prerequisite**

SBI3U

**Description**

This course provides students with the opportunity for in-depth study of the concepts and processes that occur in biological systems. Students will study theory and conduct investigations in the areas of biochemistry, metabolic processes, molecular genetics, homeostasis, and population dynamics. Emphasis will be placed on the achievement of detailed knowledge and the refinement of skills needed for further study in various branches of the life sciences and related fields.

Course	Program	Grade	Course Dates	Level
<b>SCH3U1</b>	eLearning July	11	Mon, July 5 to Wed, July 28	University

**Course Name** Chemistry  
**Prerequisite** SNC2D

#### Description

This course enables students to deepen their understanding of chemistry through the study of the properties of chemicals and chemical bonds; chemical reactions and quantitative relationships in those reactions; solutions and solubility; and atmospheric chemistry and the behaviour of gases. Students will further develop their analytical skills and investigate the qualitative and quantitative properties of matter, as well as the impact of some common chemical reactions on society and the environment.

Course	Program	Grade	Course Dates	Level
<b>SCH4C1</b>	eLearning July	12	Mon, July 5 to Wed, July 28	College

**Course Name** Chemistry  
**Prerequisite** SNC2P or SNC2D

#### Description

This course enables students to develop an understanding of chemistry through the study of matter and qualitative analysis, organic chemistry, electrochemistry, chemical calculations, and chemistry as it relates to the quality of the environment. Students will use a variety of laboratory techniques, develop skills in data collection and scientific analysis, and communicate scientific information using appropriate terminology. Emphasis will be placed on the role of chemistry in daily life and the effects of technological applications and processes on society and the environment.

Course	Program	Grade	Course Dates	Level
<b>SPH3U1</b>	eLearning July	11	Mon, July 5 to Wed, July 28	University

**Course Name** Physics  
**Prerequisite** SNC2D

#### Description

This course develops students' understanding of the basic concepts of physics. Students will explore kinematics, with an emphasis on linear motion; different kinds of forces; energy transformations; the properties of mechanical waves and sound; and electricity and magnetism. They will enhance their scientific investigation skills as they test laws of physics. In addition, they will analyse the interrelationships between physics and technology, and consider the impact of technological applications of physics on society and the environment.

Course	Program	Grade	Course Dates	Level
<b>SPH4C1</b>	eLearning July	12	Mon, July 5 to Wed, July 28	College

**Course Name** Physics  
**Prerequisite** SNC2P or SNC2D

#### Description

This course develops students' understanding of the basic concepts of physics. Students will explore these concepts with respect to motion; mechanical, electrical, electromagnetic, energy transformation, hydraulic, and pneumatic systems; and the operation of commonly used tools and machines. They will develop their scientific investigation skills as they test laws of physics and solve both assigned problems and those emerging from their investigations. Students will also consider the impact of technological applications of physics on society and the environment.

Course	Program	Grade	Course Dates	Level
<b>SPH4U1</b>	eLearning July	12	Mon, July 5 to Wed, July 28	University

<b>Course Name</b> Physics	<b>Prerequisite</b> SPH3U
-------------------------------	------------------------------

#### Description

This course enables students to deepen their understanding of physics concepts and theories. Students will continue their exploration of energy transformations and the forces that affect motion, and will investigate electrical, gravitational, and magnetic fields and electromagnetic radiation. Students will also explore the wave nature of light, quantum mechanics, and special relativity. They will further develop their scientific investigation skills, learning, for example, how to analyse, qualitatively and quantitatively, data related to a variety of physics concepts and principles. Students will also consider the impact of technological applications of physics on society and the environment.

Course	Program	Grade	Course Dates	Level
<b>BOH4M1</b>	eLearning August	12	Thu, July 29 to Tue, August 24	College/University

<b>Course Name</b> Business Leadership: Management Fundamentals	<b>Prerequisite</b> None
--	-----------------------------

#### Description

This course focuses on the development of leadership skills used in managing a successful business. Students will analyse the role of a leader in business, with a focus on decision making, management of group dynamics, workplace stress and conflict, motivation of employees, and planning. Effective business communication skills, ethics, and social responsibility are also emphasized.

Course	Program	Grade	Course Dates	Level
<b>CGG301</b>	eLearning August	11	Thu, July 29 to Tue, August 24	Open

<b>Course Name</b> Travel and Tourism	<b>Prerequisite</b> CGC1D or CGC1P
--	---------------------------------------

#### Description

This course focuses on issues related to travel and tourism within and between various regions of the world. Students will investigate unique environmental, sociocultural, economic, and political characteristics of selected world regions. They will explore travel patterns and trends, as well as tensions related to tourism, and will predict future tourism destinations. Students will apply the concepts of geographic thinking and the geographic inquiry process, including spatial technologies, to investigate the impact of the travel industry on natural environments and human communities.

Course	Program	Grade	Course Dates	Level
<b>CHV201</b>	eLearning August, CHV	10	Thu, July 29 to Wed, August 11	Open

<b>Course Name</b> Civics and Citizenship	<b>Prerequisite</b> None
--	-----------------------------

#### Description

This course explores rights and responsibilities associated with being an active citizen in a democratic society. Students will explore issues of civic importance such as healthy schools, community planning, environmental responsibility, and the influence of social media, while developing their understanding of the role of civic engagement and of political processes in the local, national, and/or global community. Students will apply the concepts of political thinking and the political inquiry process to investigate, and express informed opinions about, a range of political issues and developments that are both of significance in today's world and of personal interest to them.



Course	Program	Grade	Course Dates	Level
CHV20F	eLearning August, CHV	10	Thu, July 29 to Wed, August 11	Open

Course Name	Prerequisite
Civic and Citizenship	None

#### Description

This course explores rights and responsibilities associated with being an active citizen in a democratic society. Students will explore issues of civic importance such as healthy schools, community planning, environmental responsibility, and the influence of social media, while developing their understanding of the role of civic engagement and of political processes in the local, national, and/or global community. Students will apply the concepts of political thinking and the political inquiry process to investigate, and express informed opinions about, a range of political issues and developments that are both of significance in today's world and of personal interest to them.

Course	Program	Grade	Course Dates	Level
CHY4C1	eLearning August	12	Thu, July 29 to Tue, August 24	College

Course Name	Prerequisite
World History since the 15th Century	Any university, university/college, or college preparation course in world studies, English, or social sciences and humanities

#### Description

This course explores key developments and events in world history since approximately 1450, with a focus on interactions within and between various regions. Students will examine social, economic, and political developments and how they have affected different peoples. Students will extend their ability to apply the concepts of historical thinking and the historical inquiry process, including the interpretation and analysis of evidence, when investigating key turning points in world history and historical forces that have shaped our world.

Course	Program	Grade	Course Dates	Level
CHY4U1	eLearning August	12	Thu, July 29 to Tue, August 24	University

Course Name	Prerequisite
World History since the 15th Century	Any university, university/college, or college preparation course in world studies, English, or social sciences and humanities

#### Description

This course traces major developments and events in world history since approximately 1450. Students will explore social, economic, and political changes, the historical roots of contemporary issues, and the role of conflict and cooperation in global interrelationships. They will extend their ability to apply the concepts of historical thinking and the historical inquiry process, including the interpretation and analysis of evidence, as they investigate key issues and ideas and assess societal progress or decline in world history.

Course	Program	Grade	Course Dates	Level
ENG3C1	eLearning August	11	Thu, July 29 to Tue, August 24	College

Course Name	Prerequisite
English	ENG2P

#### 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
ENG3U1	eLearning August	11	Thu, July 29 to Tue, August 24	University

Course Name	Prerequisite
English	ENG2D

#### 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
ENG4C1	eLearning August	12	Thu, July 29 to Tue, August 24	College

Course Name	Prerequisite
English	ENG3C

#### 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
ENG4U1	eLearning August	12	Thu, July 29 to Tue, August 24	University

Course Name	Prerequisite
English	ENG3U

#### 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
GLC2O1	eLearning August, GLC	10	Thu, August 12 to Tue, August 24	Open

Course Name	Prerequisite
Career Studies	None

#### Description

This course gives students the opportunity to develop the skills, knowledge, and habits that will support them in their education and career/life planning. Students will learn about global work trends, and seek opportunities within the school and community to expand and strengthen their transferable skills and their ability to adapt to the changing world of work. On the basis of exploration, reflective practice, and decision-making processes, students will make connections between their skills, interests, and values and their postsecondary options, whether in apprenticeship training, college, community living, university, or the workplace. They will set goals and create a plan for their first postsecondary year. As part of their preparation for the future, they will learn about personal financial management – including the variety of saving and borrowing tools available to them and how to use them to their advantage – and develop a budget for their first year after secondary school.

Course	Program	Grade	Course Dates	Level
<b>GLC20F</b>	eLearning August, GLC	10	Thu, August 12 to Tue, August 24	Open

<b>Course Name</b>	<b>Prerequisite</b>
Career Studies	None

#### Description

This course gives students the opportunity to develop the skills, knowledge, and habits that will support them in their education and career/life planning. Students will learn about global work trends, and seek opportunities within the school and community to expand and strengthen their transferable skills and their ability to adapt to the changing world of work. On the basis of exploration, reflective practice, and decision-making processes, students will make connections between their skills, interests, and values and their postsecondary options, whether in apprenticeship training, college, community living, university, or the workplace. They will set goals and create a plan for their first postsecondary year. As part of their preparation for the future, they will learn about personal financial management – including the variety of saving and borrowing tools available to them and how to use them to their advantage – and develop a budget for their first year after secondary school.

Course	Program	Grade	Course Dates	Level
<b>HFA4C1</b>	eLearning August	12	Thu, July 29 to Tue, August 24	College

<b>Course Name</b>	<b>Prerequisite</b>
Nutrition and Health	Any university or university/college preparation course in social sciences and humanities, English, or Canadian and world studies

#### Description

This course focuses on the relationship between nutrition and health at different stages of life and on global issues related to food production. Students will investigate the role of nutrition in health and disease and assess strategies for promoting food security and environmental responsibility. Students will learn about healthy eating, expand their repertoire of food-preparation techniques, and refine their ability to use social science research and inquiry methods to investigate topics related to nutrition and health.

Course	Program	Grade	Course Dates	Level
<b>HFA4U1</b>	eLearning August	12	Thu, July 29 to Tue, August 24	University

<b>Course Name</b>	<b>Prerequisite</b>
Nutrition and Health	Any university or university/college preparation course in social sciences and humanities, English, or Canadian and world studies

#### Description

This course examines the relationships between food, energy balance, and nutritional status; the nutritional needs of individuals at different stages of life; and the role of nutrition in health and disease. Students will evaluate nutrition-related trends and will determine how food choices can promote food security and environmental responsibility. Students will learn about healthy eating, expand their repertoire of food-preparation techniques, and develop their social science research skills by investigating issues related to nutrition and health.

Course	Program	Grade	Course Dates	Level
<b>HSG3M1</b>	eLearning August	11	Thu, July 29 to Tue, August 24	College/University

<b>Course Name</b>	<b>Prerequisite</b>
Gender Studies	None

#### Description

This course enables students to explore the social construction of gender. Students will learn about the dynamic nature of gender roles and norms; sexism and power relations; and the impact of representations of women and men in the media, popular culture, and the arts. Students will analyse a range of gender equity issues, including gender-based violence and workplace equity, in both Canadian and global contexts. Students will develop and apply research skills and will design and implement a social action initiative relating to gender equity.

Course	Program	Grade	Course Dates	Level
<b>HZT4U1</b>	eLearning August	12	Thu, July 29 to Tue, August 24	University
<b>Course Name</b>	<b>Prerequisite</b>			
Philosophy: Questions and Theories	Any university or university/college preparation course in social sciences and humanities, English, or Canadian and world studies			

#### Description

This course enables students to acquire an understanding of the nature of philosophy and philosophical reasoning skills and to develop and apply their knowledge and skills while exploring specialized branches of philosophy (the course will cover at least three of the following branches: metaphysics, ethics, epistemology, philosophy of science, social and political philosophy, aesthetics). \* Students will develop critical thinking and philosophical reasoning skills as they formulate and evaluate arguments related to a variety of philosophical questions and theories. They will also develop research and inquiry skills related to the study and practice of philosophy.

Course	Program	Grade	Course Dates	Level
<b>IDC4U1</b>	eLearning August	12	Thu, July 29 to Tue, August 24	University
<b>Course Name</b>	<b>Prerequisite</b>			
The History of Rock and Roll (Interdisciplinary Studies)	Any university or university/college preparation course in social sciences and humanities, English, or Canadian and world studies			

#### Description

This course combines selected expectations from CHY4U and HSB4U. In this course, students will explore the cyclical, social, and intergenerational impact that western culture has had on Rock & Roll music—and that Rock & Roll music has had on western culture. Topics to be covered include (but are not limited to): the Civil Rights movement, music as popular culture, social protest, and social activism. Genres to be covered include (but are not limited to): Blues, Rockabilly, Rock & Roll, Punk, and Britpop.

Course	Program	Grade	Course Dates	Level
<b>MAP4C1</b>	eLearning August	12	Thu, July 29 to Tue, August 24	College
<b>Course Name</b>	<b>Prerequisite</b>			
Foundations for College Mathematics	MBF3C or MCF3M			

#### 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>MCF3M1</b>	eLearning August	11	Thu, July 29 to Tue, August 24	College/University
<b>Course Name</b>	<b>Prerequisite</b>			
Functions and Applications	MFM2P or MPM2D			

#### 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
MCR3U1	eLearning August	11	Thu, July 29 to Tue, August 24	University

Course Name	Prerequisite
Functions	MFM2D

#### 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
MCT4C1	eLearning August	12	Thu, July 29 to Tue, August 24	College

Course Name	Prerequisite
Foundations for College Technology	MCF3M

#### 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
MDM4U1	eLearning August	12	Thu, July 29 to Tue, August 24	University

Course Name	Prerequisite
Mathematics of Data Management	MCF3M or MCR3U

#### 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
MHF4U1	eLearning August	12	Thu, July 29 to Tue, August 24	University

Course Name	Prerequisite
Advanced Functions	MCR3U or MCT4C

#### Description

This course extends students' experience with functions. Students will investigate the properties of polynomial, rational, logarithmic, and trigonometric functions; develop techniques for combining functions; broaden their understanding of rates of change; and develop facility in applying these concepts and skills. Students will also refine their use of the mathematical processes necessary for success in senior mathematics. This course is intended both for students taking the Calculus and Vectors course as a prerequisite for a university program and for those wishing to consolidate their understanding of mathematics before proceeding to any one of a variety of university programs.

Course	Program	Grade	Course Dates	Level
PPZ3C1	eLearning August	11	Thu, July 29 to Tue, August 24	College

Course Name	Prerequisite
Health for Life	None

#### Description

This course enables students to examine the factors that influence their own health practices and behaviours as well as those factors that contribute to the development of healthy communities. It emphasizes the concept of wellness, which addresses all aspects of well-being – physical, cognitive, emotional, spiritual, and social – and promotes healthy eating, physical activity, and building and maintaining a positive sense of self. Students will develop the skills necessary to make healthy choices and create a personal wellness plan. They will also design initiatives that encourage others to lead healthy, active lives. The course prepares students for college programs in health sciences, fitness, wellness, and health promotion.

Course	Program	Grade	Course Dates	Level
SBI3C1	eLearning August	11	Thu, July 29 to Tue, August 24	College

Course Name	Prerequisite
Biology	SNC2P or SNC2D

#### Description

This course focuses on the processes that occur in biological systems. Students will learn concepts and theories as they conduct investigations in the areas of cellular biology, microbiology, genetics, the anatomy of mammals, and the structure of plants and their role in the natural environment. Emphasis will be placed on the practical application of concepts, and on the skills needed for further study in various branches of the life sciences and related fields.

Course	Program	Grade	Course Dates	Level
SBI3U1	eLearning August	11	Thu, July 29 to Tue, August 24	University

Course Name	Prerequisite
Biology	SNC2D

#### Description

This course furthers students' understanding of the processes that occur in biological systems. Students will study theory and conduct investigations in the areas of biodiversity; evolution; genetic processes; the structure and function of animals; and the anatomy, growth, and function of plants. The course focuses on the theoretical aspects of the topics under study, and helps students refine skills related to scientific investigation.

Course	Program	Grade	Course Dates	Level
SBI4U1	eLearning August	12	Thu, July 29 to Tue, August 24	University

Course Name	Prerequisite
Biology	SBI3U

#### Description

This course provides students with the opportunity for in-depth study of the concepts and processes that occur in biological systems. Students will study theory and conduct investigations in the areas of biochemistry, metabolic processes, molecular genetics, homeostasis, and population dynamics. Emphasis will be placed on the achievement of detailed knowledge and the refinement of skills needed for further study in various branches of the life sciences and related fields.

---

Course	Program	Grade	Course Dates	Level
<b>SCH3U1</b>	eLearning August	11	Thu, July 29 to Tue, August 24	University
<b>Course Name</b>	<b>Prerequisite</b>			
Chemistry	SNC2D			
<b>Description</b>				
<p>This course enables students to deepen their understanding of chemistry through the study of the properties of chemicals and chemical bonds; chemical reactions and quantitative relationships in those reactions; solutions and solubility; and atmospheric chemistry and the behaviour of gases. Students will further develop their analytical skills and investigate the qualitative and quantitative properties of matter, as well as the impact of some common chemical reactions on society and the environment.</p>				

---

Course	Program	Grade	Course Dates	Level
<b>SCH4C1</b>	eLearning August	12	Thu, July 29 to Tue, August 24	College
<b>Course Name</b>	<b>Prerequisite</b>			
Chemistry	SNC2P or SNC2D			
<b>Description</b>				
<p>This course enables students to develop an understanding of chemistry through the study of matter and qualitative analysis, organic chemistry, electrochemistry, chemical calculations, and chemistry as it relates to the quality of the environment. Students will use a variety of laboratory techniques, develop skills in data collection and scientific analysis, and communicate scientific information using appropriate terminology. Emphasis will be placed on the role of chemistry in daily life and the effects of technological applications and processes on society and the environment.</p>				

---

Course	Program	Grade	Course Dates	Level
<b>SCH4U1</b>	eLearning August	12	Thu, July 29 to Tue, August 24	University
<b>Course Name</b>	<b>Prerequisite</b>			
Chemistry	SCH3U			
<b>Description</b>				
<p>This course enables students to deepen their understanding of chemistry through the study of organic chemistry, the structure and properties of matter, energy changes and rates of reaction, equilibrium in chemical systems, and electrochemistry. Students will further develop their problem-solving and investigation skills as they investigate chemical processes, and will refine their ability to communicate scientific information. Emphasis will be placed on the importance of chemistry in everyday life and on evaluating the impact of chemical technology on the environment.</p>				

---

Course	Program	Grade	Course Dates	Level
<b>SPH3U1</b>	eLearning August	11	Thu, July 29 to Tue, August 24	University
<b>Course Name</b>	<b>Prerequisite</b>			
Physics	SNC2D			
<b>Description</b>				
<p>This course develops students' understanding of the basic concepts of physics. Students will explore kinematics, with an emphasis on linear motion; different kinds of forces; energy transformations; the properties of mechanical waves and sound; and electricity and magnetism. They will enhance their scientific investigation skills as they test laws of physics. In addition, they will analyse the interrelationships between physics and technology, and consider the impact of technological applications of physics on society and the environment.</p>				

Course	Program	Grade	Course Dates	Level
<b>SPH4C1</b>	eLearning August	12	Thu, July 29 to Tue, August 24	College

<b>Course Name</b>	<b>Prerequisite</b>
Physics	SNC2P or SNC2D

#### Description

This course develops students' understanding of the basic concepts of physics. Students will explore these concepts with respect to motion; mechanical, electrical, electromagnetic, energy transformation, hydraulic, and pneumatic systems; and the operation of commonly used tools and machines. They will develop their scientific investigation skills as they test laws of physics and solve both assigned problems and those emerging from their investigations. Students will also consider the impact of technological applications of physics on society and the environment.

Course	Program	Grade	Course Dates	Level
<b>ENG4C1</b>	eLearning Extended	12	Mon, July 5 to Tue, August 24	College

<b>Course Name</b>	<b>Prerequisite</b>
English	ENG3C

#### 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>	eLearning Extended	12	Mon, July 5 to Tue, August 24	University

<b>Course Name</b>	<b>Prerequisite</b>
English	ENG3U

#### 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.