Canadian College Italy

Course Descriptions

Course Descriptions **1**

Grade 9 4

AVI2O Visual Arts 4

BEP2O Launching and Leading a Business 4

CGC1W Exploring Canadian Geography 4

ENL1W English 4

ESLAO Level 1 English as a Second Language 4

FSF1D Core French 5

LWIBD Italian, Level 1 5

LWICU Italian, Level 2 5

LWSBD Spanish, Level 1 5

MTH1W Math 5

PPL1O Healthy Active Living Education 9 6

SNC1W Science 6

Grade 10 6

AVI2O Visual Arts 6

BEP2O Launching and Leading a Business 6

CHV2O Civics and Citizenship (Half credit with GLC2O Career Studies) 7

CHC2D Canadian History since World War 1 7

ENG2D English 7

ESLBO Level 2 English As A Second Language 7

GLC2O Career Studies (Half credit with CHV2O Civics and Citizenship) 8

LWIBD Italian, Level 1 8

LWICU Italian, Level 2 8

LWSBD Spanish, Level 1 8

MPM2D Principles of Mathematics 9

PPL2O Healthy Active Living Education 10 9

SNC2D Science 9

TGJ2O Communications Technology 9

Grade 11 10

AVI3M Visual Arts 10

AWP3M Visual Arts, Sculpture 10

AWQ3M Photography 10

BAF3M Financial Accounting Fundamentals 10

BMI3C Marketing 11

CHW3M World History to the End of the Fifteenth Century 11
CLU3M Understanding Canadian Law 11
ENG3U English 11
ESLCO Level 3 English As A Second Language 11
GLE3O Advanced Learning Strategies: Skills for Success After Secondary School 12
HSP3U Introduction to Anthropology, Psychology, and Sociology 12
IDC4US The Science of Decision-Making, Wellbeing, and Human Change 12
LWIBD Italian, Level 1 12
LWICU Italian, Level 2 12
LWSBD Spanish, Level 1 13
LWSCU Spanish, Level 2 13
LWIDU Italian Level 3 13
MCR3U Functions 13
PPL3O Healthy Active Living Education 13
SBI3U Biology 14
SCH3U Chemistry 14
SPH3U Physics 14
Grade 12 14
AVI4M Visual Arts 14
AWP4M0 Visual Arts - Sculpture 12 15
AWQ4M Photography 15
BOH4M Business Leadership: Management Fundamentals 15
CGW4U World Issues 15
CHY4U World History 15
CLN4U Canadian and International Law 16
CPW4U Canadian and International Politics 16
ENG4U English 16
ESLDO Level 4 English As A Second Language 16
HZT4U Philosophy: Questions and Theories 17
IDC4U Italian Studies 17
LWIBD Italian, Level 1 17
LWICU Italian, Level 2 17
LWIDU Italian Level 3 18
MCV4U Calculus and Vectors 12 18
MDM4U Data Management 12 18
MHF4U Advanced Functions 12 19
OLC4O Ontario Secondary School Literacy Course 19
PLF4M Health and Physical Education, Recreation 19
PSK4U Introductory Kinesiology 19
SBI4U Biology 12 20

SCH4U Chemistry 12 20
SPH4U Physics 20

Grade 9

AVI2O Visual Arts
This course is exploratory in nature, offering an overview of visual arts as a foundation for further study. Students will become familiar with the elements and principles of design and the expressive qualities of various materials by using a range of media, processes, techniques, and styles. Students will use the creative and critical analysis processes and will interpret art within a personal, contemporary, and historical context. **Prerequisite: None**

BEP2O Launching and Leading a Business
This course introduces students to the world of business and what is required to be successful, ethical, and responsible in today's economy. Students will develop the knowledge and skills needed to be an entrepreneur who knows how to respond to local and global market opportunities. Throughout the course, students will explore and understand the responsibility of managing different functions of a business. This includes accounting, marketing, information and communication technology, financial management, human resources, and production. **Prerequisite: None**

CGC1W Exploring Canadian Geography
This course builds on learning in Grades 7 and 8 in geography. Students will explore relationships within and between Canada's natural and human systems and how they interconnect with other parts of the world. Students will also examine environmental and economic issues, and their impact related to topics such as natural resources and industries, careers, land use and responsible development, and sustainability. In addition, students will understand the connections that diverse communities and individuals have with the physical environment and each other throughout Canada, including First Nations, Métis, and Inuit perspectives. Students will apply geographic thinking, use the geographic inquiry process, and use geospatial technologies throughout their investigations. **Prerequisite: None**

ENL1W English
This course enables students to continue to develop and consolidate the foundational knowledge and skills that they need for reading, writing, and oral and visual communication. Throughout the course, students will continue to enhance their media literacy and critical literacy skills, and to develop and apply transferable skills, including digital literacy. Students will also make connections to their lived experiences and to society and increase their understanding of the importance of language and literacy across the curriculum. **Prerequisite: None**

ESLAO Level 1 English as a Second Language
This course builds on students' previous education and language knowledge to introduce them to the English language and help them adjust to the diversity in their new environment. Students will use beginning English language skills in listening, speaking, reading, and writing for everyday and essential academic purposes. They will engage in short conversations using basic English language structures and simple sentence patterns; read short adapted texts; and write

phrases and short sentences. The course also provides students with the knowledge and skills they need to begin to adapt to becoming fluent in English. **Prerequisite: None**

FSF1D Core French
This course provides opportunities for students to communicate and interact in French with increasing independence, with a focus on familiar topics related to their daily lives. Students will develop their skills in listening, speaking, reading, and writing by using language learning strategies introduced in the elementary Core French program, and will apply creative and critical thinking skills in various ways. They will also enhance their understanding and appreciation of diverse French-speaking communities, and will develop skills necessary for lifelong language learning. **Prerequisite: Minimum of 600 hours of French instruction, or equivalent**

LWIBD Italian, Level 1
This course provides opportunities for students to begin to develop and apply skills in listening, speaking, reading, and writing in the language of study. Students will communicate and interact in structured activities, with a focus on matters of personal interest and familiar topics, and will read and write simple texts in the language. Throughout the course, students will acquire an understanding and appreciation of diverse communities in regions of the world where the language is spoken. They will also develop skills necessary for lifelong language learning. **Prerequisite: None**

LWICU Italian, Level 2
This course provides opportunities for students to increase their competence and confidence in listening, speaking, reading, and writing in the language of study. Students will communicate about academic and personally relevant topics in increasingly spontaneous spoken interactions, and will develop their creative and critical thinking skills through exploring and responding to a variety of oral and written texts. Students will continue to enrich their understanding and appreciation of diverse communities in regions of the world where the language is spoken. They will also investigate personal and professional contexts in which knowledge of the language is required, and develop skills necessary for lifelong language learning. **Prerequisite: LWIBD Italian, Level 1**

LWSBD Spanish, Level 1
LWSBD provides opportunities for students to begin to develop and apply skills in listening, speaking, reading, and writing in Spanish. Students will communicate and interact in structured activities, with a focus on matters of personal interest and familiar topics, and will read and write simple texts in Spanish. Throughout LWSBD, students will acquire an understanding and appreciation of diverse communities in regions of the world where Spanish is spoken. They will also develop skills necessary for lifelong language learning. **Prerequisite: None**

MTH1W Math
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. **Prerequisite: None**

PPL1O Healthy Active Living Education 9
This course equips students with the knowledge and skills they need to make healthy choices now and lead healthy, active lives in the future. Through participation in a wide range of physical activities, students develop knowledge and skills related to movement competence and personal fitness that provide a foundation for active living. Students also acquire an understanding of the factors and skills that contribute to healthy development and learn how their own well-being is affected by, and affects, the world around them. Students build their sense of self, learn to interact positively with others, and develop their ability to think critically and creatively. **Prerequisite: None**

SNC1W Science
This course enables students to develop their understanding of basic concepts in biology, chemistry, earth and space science, and physics, and to relate science to technology, society, and the environment. Throughout the course, students will develop their skills in the processes of scientific investigation. Students will acquire an understanding of scientific theories and conduct investigations related to sustainable ecosystems; atomic and molecular structures and the properties of elements and compounds; the study of the universe and its properties and components; and the principles of electricity. **Prerequisite: None**

Grade 10

AVI2O Visual Arts
This course enables students to develop their skills in producing and presenting art by introducing them to new ideas, materials, and processes for artistic exploration and experimentation. Students will apply the elements and principles of design when exploring the creative process. Students will use the critical analysis process to reflect on and interpret art within a personal, contemporary, and historical context. **Prerequisite: None**

BEP2O Launching and Leading a Business
This course introduces students to the world of business and what is required to be successful, ethical, and responsible in today's economy. Students will develop the knowledge and skills needed to be an entrepreneur who knows how to respond to local and global market opportunities. Throughout the course, students will explore and understand the responsibility of managing different functions of a business. This includes accounting, marketing, information and communication technology, financial management, human resources, and production. **Prerequisite: None**

CHV2O Civics and Citizenship *(Half credit with GLC2O Career Studies)*
This course explores rights and responsibilities associated with being an active citizen in a democratic society. Students will explore issues of civic importance 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. This course also includes learning on digital literacy and critical-thinking skills, the mechanisms of government, Indigenous governance systems and structures, the historical foundations of the rights and freedoms we enjoy in Canada, ways in which government policy affects individuals' lives and the economy, and ways for students to serve their communities. **Prerequisite: None**

CHC2D Canadian History since World War 1
This course explores social, economic, and political developments and events and their impact on the lives of different individuals, groups, and communities, including First Nations, Métis, and Inuit individuals and communities, in Canada since 1914. Students will examine the role of conflict and cooperation in Canadian society, Canada's evolving role within the global community, and the impact of various individuals, organizations, and events on identities, citizenship, and heritage in Canada. Students will develop an understanding of some of the political developments and government policies that have had a lasting impact on First Nations, Métis, and Inuit individuals and communities. They will develop their ability to apply the concepts of historical thinking and the historical inquiry process, including the interpretation and analysis of evidence, when investigating key issues and events in Canadian history since 1914.
Prerequisite: None

ENG2D English
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 analyze 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.
Prerequisite: ENL1W English 9

ESLBO Level 2 English As A Second Language
This course extends students' listening, speaking, reading, and writing skills in English for everyday and academic purposes. Students will participate in conversations in structured situations on a variety of familiar and new topics; read a variety of texts designed or adapted for English language learners; expand their knowledge of English grammatical structures and sentence patterns; and link English sentences to compose paragraphs. The course also

supports students' continuing adaptation to the Ontario school system by expanding their knowledge of diversity in their new province and country. **Prerequisite ESL Level 1 or a proficiency level determined through initial assessment.**

GLC2O Career Studies *(Half credit with CHV2O Civics and Citizenship)*
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. **Prerequisite: None**

LWIBD Italian, Level 1
This course provides opportunities for students to begin to develop and apply skills in listening, speaking, reading, and writing in the language of study. Students will communicate and interact in structured activities, with a focus on matters of personal interest and familiar topics, and will read and write simple texts in the language. Throughout the course, students will acquire an understanding and appreciation of diverse communities in regions of the world where the language is spoken. They will also develop skills necessary for lifelong language learning. **Prerequisite: None**

LWICU Italian, Level 2
This course provides opportunities for students to increase their competence and confidence in listening, speaking, reading, and writing in the language of study. Students will communicate about academic and personally relevant topics in increasingly spontaneous spoken interactions, and will develop their creative and critical thinking skills through exploring and responding to a variety of oral and written texts. Students will continue to enrich their understanding and appreciation of diverse communities in regions of the world where the language is spoken. They will also investigate personal and professional contexts in which knowledge of the language is required, and develop skills necessary for lifelong language learning. **Prerequisite: LWIBD Italian, Level 1**

LWSBD Spanish, Level 1
LWSBD provides opportunities for students to begin to develop and apply skills in listening, speaking, reading, and writing in Spanish. Students will communicate and interact in structured activities, with a focus on matters of personal interest and familiar topics, and will read and write simple texts in Spanish. Throughout LWSBD, students will acquire an understanding and appreciation of diverse communities in regions of the world where Spanish is spoken. They will also develop skills necessary for lifelong language learning. **Prerequisite: None**

MPM2D Principles of Mathematics
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. As required by the Ministry of Ontario, students must earn a financial literacy graduation requirement as part of this course. Students will need to achieve a mark of 70% or higher to pass this requirement and earn their high school diploma. **Prerequisite: MTH1W Grade 9 Mathematics**

PPL2O Healthy Active Living Education 10
This course enables students to further develop the knowledge and skills they need to make healthy choices now and lead healthy, active lives in the future. Through participation in a wide range of physical activities, students develop knowledge and skills related to movement competence and personal fitness that provide a foundation for active living. Students also acquire an understanding of the factors and skills that contribute to healthy development and learn how their own well-being is affected by, and affects, the world around them. Students build their sense of self, learn to interact positively with others, and develop their ability to think critically and creatively **Prerequisite: None**

SNC2D Science
This course enables students to enhance their understanding of concepts in biology, chemistry, earth and space science, and physics, and of the interrelationships between science, technology, society, and the environment. Students are also given opportunities to further develop their scientific investigation skills. Students will plan and conduct investigations and develop their understanding of scientific theories related to the connections between cells and systems in animals and plants; chemical reactions, with a particular focus on acid–base reactions; forces that affect climate and climate change; and the interaction of light and matter.
Prerequisite: SNC1W Grade 9 Science

TGJ2O Communications Technology
This course introduces students to communications technology from a media perspective. Students will work in the areas of TV/video and movie production, radio and audio production, print and graphic communications, photography, and interactive new media and animation. Student projects may include computer-based activities such as creating videos, editing photos, working with audio, cartooning, developing animations, and designing web pages. Students will also develop an awareness of environmental and societal issues related to communications technology, and will explore secondary and postsecondary education and training pathways and career opportunities in the various communications technology fields.
Prerequisite: None

Grade 11

AVI3M Visual Arts
This course focuses on enabling students to refine their use of the creative process when creating and presenting two- and three-dimensional art works using a variety of traditional and emerging media and technologies. Students will use the critical analysis process to deconstruct art works and explore connections between art and society. The studio program enables students to explore a range of materials, processes, and techniques that can be applied in their own art production. Students will also make connections between various works of art in personal, contemporary, historical, and cultural contexts. **Prerequisite: Visual Arts, Grade 9 or 10, Open**

AWP3M Visual Arts, Sculpture
This course introduces students to key artistic skills as they develop and present two- and three-dimensional works, including basic sculptural forms. Students will work with a variety of traditional and emerging media and learn how to apply the creative process more intentionally in their artmaking. Through guided use of the critical analysis process, students will learn to interpret artworks and consider how art reflects and influences society. In the studio, students will explore foundational materials, techniques, and processes that support the development of their personal artistic style. They will also examine connections among artworks across personal, contemporary, historical, and cultural contexts. **Pre-requisites: AVI1O or AVI2O or AWQ2O or AVI1O**

AWQ3M Photography
This course enables students to further develop their knowledge and skills in visual arts. Students will use the creative process to explore a wide range of themes through studio work that may include drawing, painting, sculpting, and printmaking, as well as the creation of collage, multimedia works, and works using emerging technologies. Students will use the critical analysis process when evaluating their own work and the work of others. The course may be delivered as a comprehensive program or through a program focused on a particular art form (e.g., photography, video, computer graphics, information design). **Prerequisite: Grade 9 or 10 Visual Arts, Open. Required equipment: Must have use of a DSLR camera or supply their own smartphone with camera.**

BAF3M Financial Accounting Fundamentals
This course introduces students to the fundamental principles and procedures of accounting. Students will develop financial analysis and decision-making skills that will assist them in future studies and/or career opportunities in business. Students will acquire an understanding of accounting for a service and a merchandising business, computerized accounting, financial analysis, and ethics and current issues in accounting. **Prerequisite: None**

BMI3C Marketing
This course introduces the fundamental concepts of product marketing, which includes the marketing of goods, services, and events. Students will examine how trends, issues, global economic changes, and information technology influence consumer buying habits. Students will engage in marketing research, develop marketing strategies, and produce a marketing plan for a product of their choice. **Prerequisite: None**

CHW3M World History to the End of the Fifteenth Century
This course explores the history of various societies and civilizations around the world, from earliest times to around 1500 CE. Students will investigate a range of factors that contributed to the rise, success, and decline of various ancient and pre-modern societies throughout the world and will examine life in and the cultural and political legacy of these societies. 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 social, political, and economic structures and historical forces at work in various societies and in different historical eras. **Prerequisite: Canadian History since World War I, Grade 10**

CLU3M Understanding Canadian Law
This course explores Canadian law, with a focus on legal issues that are relevant to the lives of people in Canada. Students will gain an understanding of laws relating to rights and freedoms in Canada; our legal system; and family, contract, employment, tort, and criminal law. Students will develop legal reasoning skills and will apply the concepts of legal thinking and the legal studies inquiry process when investigating a range of legal issues and formulating and communicating informed opinions about them. **Prerequisite: Canadian History since World War I, Grade 10**

ENG3U English
This course emphasizes the development of literacy, communication, and critical and creative thinking skills necessary for success in academic and daily life. Students will analyze 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. **Prerequisite: ENG2D, English, Grade 10, Academic**

ESLCO Level 3 English As A Second Language
This course further extends students' skills in listening, speaking, reading, and writing in English for a variety of everyday and academic purposes. Students will make short classroom oral presentations; read a variety of adapted and original texts in English; and write using a variety of text forms. As well, students will expand their academic vocabulary and their study skills to facilitate their transition to the mainstream school program. **Prerequisite ESL Level 2 or a proficiency level determined through initial assessment.**

GLE3O Advanced Learning Strategies: Skills for Success After Secondary School
This course improves students' learning and personal-management skills, preparing them to make successful transitions to work, training, and/or postsecondary education destinations. Students will assess their learning abilities and use literacy, numeracy, and research skills and personal-management techniques to maximize their learning. Students will investigate trends and resources to support their postsecondary employment, training, and/or education choices and develop a plan to help them meet their learning and career goals. **Prerequisite: Recommendation of Principal**

HSP3U Introduction to Anthropology, Psychology, and Sociology
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. **Prerequisite: ENG2D, English 10 or a Grade 10 Academic history course, such as CHC2D, Canadian History Since World War I**

IDC4US The Science of Decision-Making, Wellbeing, and Human Change
This interdisciplinary course explores how scientific principles from biology, psychology, and data analysis explain human decision-making, wellbeing, and behaviour change. Students examine how the brain processes choices, how stress and motivation affect performance, and how habits are formed, using real-world examples and inquiry-based learning. **Prerequisite: Grade 11 University or University/College preparation course in Science, Mathematics, or Social Sciences**

LWIBD Italian, Level 1
This course provides opportunities for students to begin to develop and apply skills in listening, speaking, reading, and writing in the language of study. Students will communicate and interact in structured activities, with a focus on matters of personal interest and familiar topics, and will read and write simple texts in the language. Throughout the course, students will acquire an understanding and appreciation of diverse communities in regions of the world where the language is spoken. They will also develop skills necessary for lifelong language learning. **Prerequisite: None**

LWICU Italian, Level 2
This course provides opportunities for students to increase their competence and confidence in listening, speaking, reading, and writing in the language of study. Students will communicate about academic and personally relevant topics in increasingly spontaneous spoken interactions, and will develop their creative and critical thinking skills through exploring and responding to a variety of oral and written texts. Students will continue to enrich their understanding and appreciation of diverse communities in regions of the world where the language is spoken. They will also investigate personal and professional contexts in which knowledge of the language is

required, and develop skills necessary for lifelong language learning. **Prerequisite: LWIBD Italian, Level 1**

LWSBD Spanish, Level 1
LWSBD provides opportunities for students to begin to develop and apply skills in listening, speaking, reading, and writing in Spanish. Students will communicate and interact in structured activities, with a focus on matters of personal interest and familiar topics, and will read and write simple texts in Spanish. Throughout LWSBD, students will acquire an understanding and appreciation of diverse communities in regions of the world where Spanish is spoken. They will also develop skills necessary for lifelong language learning **Prerequisite: None**

LWSCU Spanish, Level 2
This course provides opportunities for students to increase their competence and confidence in listening, speaking, reading, and writing in Spanish. Students will communicate about academic and personally relevant topics in increasingly spontaneous spoken interactions, and will develop their creative and critical thinking skills through exploring and responding to a variety of oral, audio, videos and written texts. Students will continue to enrich their understanding and appreciation of Hispanic culture in the regions of the world where Spanish is spoken. They will also investigate personal and professional contexts in which knowledge of the language is required, and develop skills necessary for lifelong language learning. **Prerequisite: LWSBD, Spanish, Level 1**

LWIDU Italian Level 3
This course provides extended opportunities for students to communicate and interact in the language of study in a variety of social and academic contexts. Students will refine and enhance their listening, speaking, reading, and writing skills, as well as their creative and critical thinking skills, as they explore and respond to a variety of oral and written texts, including complex authentic and adapted texts. They will also broaden their understanding and appreciation of diverse communities where the language is spoken, and develop skills necessary for lifelong language learning. **Prerequisite: LWICU, Italian Level 2**

MCR3U Functions
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. **Prerequisite: MPM2D Principles of Mathematics, Grade 10**

PPL3O Healthy Active Living Education
This course enables students to further develop the knowledge and skills they need to make healthy choices now and lead healthy, active lives in the future. Through participation in a wide

range of physical activities and exposure to a broader range of activity settings, students enhance their movement competence, personal fitness, and confidence. Students also acquire an understanding of the factors and skills that contribute to healthy development and learn how their own well-being is affected by, and affects, the world around them. Students build their sense of self, learn to interact positively with others, and develop their ability to think critically and creatively. **Prerequisite: None**

SBI3U Biology
This course furthers students' understanding of the processes involved in biological systems. Students will study the diversity of living things, internal systems and regulation, the anatomy, growth and functions of plants, genetic processes and evolution. The course focuses on the theoretical aspects of the topics under study and helps students refine skills related to scientific investigation. **Prerequisite: SNC2D Grade 10 Science, Academic**

SCH3U Chemistry
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. **Prerequisite: SNC2D, Science, Grade 10, Academic**

SPH3U Physics
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. **Prerequisite: SNC2D, Grade 10 Science, Academic**

Grade 12

AVI4M Visual Arts
This course focuses on enabling students to refine their use of the creative process when creating and presenting two- and three-dimensional art works using a variety of traditional and emerging media and technologies. Students will use the critical analysis process to deconstruct art works and explore connections between art and society. The studio program enables students to explore a range of materials, processes, and techniques that can be applied in their own art production. Students will also make connections between various works of art in personal, contemporary, historical, and cultural contexts. **Prerequisites: AVI3M Visual Arts, Grade 11, University/College Preparation**

AWP4M0 Visual Arts - Sculpture 12
Students will use materials such as clay, plaster, metal, plastics and found materials to produce art works in relief and in the round. Through the study of traditional and contemporary artists and media, students will come to understand sculpture as an art form.
Prerequisite: AVI4M
Additional fees: This course comes with an additional fee payable to the office to cover the cost of materials.

AWQ4M Photography
This course focuses on enabling students to refine their use of the creative process when creating and presenting photographic art works using a variety of traditional and emerging media and technologies. Students will use the critical analysis process to deconstruct art works and explore connections between photography and society. The studio program enables students to explore a range of materials, processes, and techniques that can be applied in their own art production. Students will also make connections between various works of art in personal, contemporary, historical, and cultural contexts. **Prerequisite: AWQ3M, Grade 11 Photography, University/College**. **Required equipment: Must have use of a DSLR camera or supply their own smartphone with camera.**

BOH4M Business Leadership: Management Fundamentals
This course focuses on the development of leadership skills used in managing a successful business. Students will analyze 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. **Prerequisite: None**

CGW4U World Issues
In this course, students will address the challenge of creating a more sustainable and equitable world. They will explore issues involving a wide range of topics, including, threats to the environment, globalization, human rights, and quality of life, and will analyze the causes and impact of international conflict, international agreements, and individual responsibilities relating to them. Students will apply the concepts of geographic thinking and the geographic inquiry process, to investigate these complex issues and their impacts on natural and human communities around the world. **Prerequisite: Any university or university/college preparation course in Canadian and World Studies, English, or Social Sciences and Humanities**

CHY4U World History
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. **Prerequisite: Any**

university or university/college preparation course in social sciences and humanities, English, or Canadian and world studies

CLN4U Canadian and International Law
This course explores a range of contemporary legal issues and how they are addressed in both Canadian and international law. Students will develop an understanding of the principles of Canadian and international law and of issues related to human rights and freedoms, conflict resolution, and criminal, environmental, and workplace law, both in Canada and internationally. Students will apply the concepts of legal thinking and the legal studies inquiry process, and will develop legal reasoning skills, when investigating these and other issues in both Canadian and international contexts. **Prerequisite: Any university or university/college preparation course in Canadian and World Studies, English, or Social Sciences and Humanities**

CPW4U Canadian and International Politics
This course explores various perspectives on issues in Canadian and world politics. Students will explore political decision making and ways in which individuals, stakeholder groups, and various institutions, including governments, multinational corporations, and non-governmental organizations, respond to and work to address domestic and international issues. Students will apply the concepts of political thinking and the political inquiry process to investigate issues, events, and developments of national and international political importance, and to develop and communicate informed opinions about them. **Prerequisite: Any university or university/college preparation course in Canadian and World Studies, English, or Social Sciences and Humanities**

ENG4U English
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 analyze 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.**Prerequisite: ENG3U**

ESLDO Level 4 English As A Second Language
This course prepares students to use English with increasing fluency and accuracy in classroom and social situations and to participate in Canadian society as informed citizens. Students will develop the oral-presentation, reading, and writing skills required for success in all school subjects. They will extend listening and speaking skills through participation in discussions and seminars; study and interpret a variety of grade-level texts; write narratives, articles, and summaries in English; and respond critically to a variety of print and media texts. **Prerequisite ESL Level 3 or a proficiency level determined through initial assessment.**

HZT4U Philosophy: Questions and Theories
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. **Prerequisite: Any university or university/college preparation course in social sciences and humanities, English, or Canadian and world studies**

IDC4U Italian Studies
This course will help students develop and consolidate the skills required for and knowledge of different subjects and disciplines to solve problems, make decisions, create personal meaning, and present findings beyond the scope of a single subject or discipline. Students will apply the principles and processes of inquiry and research to effectively use a range of print, electronic, and mass media resources; to analyse historical innovations and exemplary research; and to investigate real-life situations and career opportunities in interdisciplinary endeavours. They will also assess their own cognitive and affective strategies, apply general skills in both familiar and new contexts, create innovative products, and communicate new knowledge. **Prerequisites: Any Grade 11 university or university/college preparation course. For example ENG3U, CHW3M**

Prerequisite: Grade 11 University or University/College preparation course in Science, Mathematics, or Social Sciences.

LWIBD Italian, Level 1
This course provides opportunities for students to begin to develop and apply skills in listening, speaking, reading, and writing in the language of study. Students will communicate and interact in structured activities, with a focus on matters of personal interest and familiar topics, and will read and write simple texts in the language. Throughout the course, students will acquire an understanding and appreciation of diverse communities in regions of the world where the language is spoken. They will also develop skills necessary for lifelong language learning. **Prerequisite: None** **Please note: Italian 1 LWIBD is an academic credit that counts toward the Ontario Secondary School Diploma (OSSD), either as a compulsory or optional credit, but it does not count as a Grade 12 credit. Students who require six Grade 12-level credits for post-secondary applications should ensure they are meeting that requirement before selecting this course.*

LWICU Italian, Level 2
This course provides opportunities for students to increase their competence and confidence in listening, speaking, reading, and writing in the language of study. Students will communicate about academic and personally relevant topics in increasingly spontaneous spoken interactions, and will develop their creative and critical thinking skills through exploring and responding to a

variety of oral and written texts. Students will continue to enrich their understanding and appreciation of diverse communities in regions of the world where the language is spoken. They will also investigate personal and professional contexts in which knowledge of the language is required, and develop skills necessary for lifelong language learning. **Prerequisite: LWIBD Italian, Level 1** **Please note: Italian 2 LWICU is an academic credit that counts toward the Ontario Secondary School Diploma (OSSD), either as a compulsory or optional credit, but it does not count as a Grade 12 credit. Students who require six Grade 12-level credits for post-secondary applications should ensure they are meeting that requirement before selecting this course.*

LWIDU Italian Level 3
This course provides extended opportunities for students to communicate and interact in the language of study in a variety of social and academic contexts. Students will refine and enhance their listening, speaking, reading, and writing skills, as well as their creative and critical thinking skills, as they explore and respond to a variety of oral and written texts, including complex authentic and adapted texts. They will also broaden their understanding and appreciation of diverse communities where the language is spoken, and develop skills necessary for lifelong language learning. **Prerequisite: LWICU, Italian Level 2**

MCV4U Calculus and Vectors 12
This course enables students' previous experience with functions and their developing understanding of the 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 modeling 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 courses. **Prerequisite: Grade 12 Advanced Functions, University, must be taken prior to or concurrently with Calculus and Vectors.**

MDM4U Data Management 12
This course broadens students' understanding of mathematics as it relates to managing data. Students will apply methods for organizing and analyzing 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. **Prerequisite: MCR3U, Grade 11 Functions, University Preparation or, MCF3M, Grade 11 Functions and Applications, University/College Preparation**

MHF4U Advanced Functions 12
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. **Prerequisites: MCR3U, Grade 11 Functions, University Preparation or MCT4C, Grade 12 Mathematics for College Technology**

OLC4O Ontario Secondary School Literacy Course
To participate fully in the society and workplace of the twenty-first century, today's students will need to be able to use language skillfully and confidently. The Ontario curriculum recognizes the central importance of reading and writing skills in learning across the curriculum and in everyday life, and prepares students for the literary demands they will face in their post – secondary endeavors. To ensure that they have the essential competencies in reading and writing that they will need to succeed at school, at work, and in daily life, students in Ontario must demonstrate those skills as a requirement for graduation. The Ontario Secondary School Literacy Course (OSSLC) is a full-credit Grade 12 course that is offered as a part of the English program to provide students with intensive support in achieving the required reading and writing competencies. The reading and writing competencies required by the Ontario Secondary School Literacy Test (OSSLT) form the instructional assessment core of the 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.**

PLF4M Health and Physical Education, Recreation
This course enables students to explore the benefits of lifelong participation in active recreation and healthy leisure and to develop the leadership and coordinating skills needed to plan, organize, and safely implement recreational events and other activities related to healthy, active living. Students will also learn how to promote the benefits of healthy, active living to others through mentoring and assisting them in making informed decisions that enhance their well-being.The course will prepare students for university programs in physical education and health and kinesiology and for college and university programs in recreation and leisure management, fitness and health promotion, and fitness leadership. **Prerequisite: Any course in health and physical education**

PSK4U Introductory Kinesiology
This course focuses on the study of human movement and of systems, factors, and principles involved in human development. Students will learn about the effects of physical activity on health and performance, the evolution of physical activity and sport, and the physiological, psychological, and social factors that influence an individual's participation in physical activity and sport. The course prepares students for university programs in physical education and health, kinesiology, health

sciences, health studies, recreation, and sports administration. **Prerequisite: Any Grade 11 university or university/college preparation course in science, or any Grade 11 or 12 course in health and physical education**

SBI4U Biology 12
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. **Prerequisite: SBI3U, Grade 11 Biology, University Preparation**

SCH4U Chemistry 12
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. **Prerequisite: SCH3U, Grade 11 Chemistry, University Preparation**

SPH4U Physics
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 analyze, 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. **Prerequisites: SPH3U, Grade 11 Physics, University Preparation**