

Refer to MyBlueprint for most current course selection. Not all courses run each year.

Course Name	Course Code	Course Level	Grade	Department	Prerequisites	Description
Dramatic Arts	ADA101	Open	9	Art		This course provides opportunities for students to explore dramatic forms and techniques, using material from a wide range of sources and cultures. Students will use the elements of drama to examine situations and issues that are relevant to their lives. Students will create, perform, discuss, and analyse drama, and then reflect on the experiences to develop an understanding of themselves, the art form, and the world around them.
Dramatic Arts	ADA201	Open	10	Art	ADA101	This course provides opportunities for students to explore dramatic forms, conventions, and techniques. Students will explore a variety of dramatic sources from various cultures and representing a range of genres. Students will use the elements of drama in creating and communicating through dramatic works. Students will assume responsibility for decisions made in the creative and collaborative processes and will reflect on their experiences.
Dramatic Arts	ADA3M1	University College	11	Art	ADA201	This course requires students to create and perform in dramatic presentations. Students will analyse, interpret, and perform dramatic works from various cultures and time periods. Students will research various acting styles and conventions that could be used in their presentations, and analyse the functions of playwrights, directors, actors, designers, technicians, and audiences.
Dramatic Arts	ADA4M1	University College	12	Art	ADA3M1	This course requires students to experiment individually and collaboratively with forms and conventions of both drama and theatre from various cultures and time periods. Students will interpret dramatic literature and other text and media sources while learning about various theories of directing and acting. Students will examine the significance of dramatic arts in various cultures and will analyse how the knowledge and skills developed in drama are related to their personal skills, social awareness, and goals beyond secondary school.
Guitar Music	AMG201	Open	10	Art		This course emphasizes performance of music at an intermediate level that strikes a balance between challenge and skill. Student learning will include participating in creative activities and listening perceptively. Students will also be required to develop a thorough understanding of the language of music, including the elements, terminology, and history. The focus of this course will be on Guitar.
Guitar Music	AMG3M1	University College	11	Art	AMG201	This course develops students' artistic knowledge and skills through the performance of music and the preparation of music productions. Students will perform appropriate works, particularly works in contemporary popular styles. Independently and in groups, they will also plan, market, and produce music productions, making use of appropriate technology, and will evaluate the results. The focus of this course will be on the guitar.
Repertoire	AMR3M1	University College	11	Art	AMU201	This course emphasizes the appreciation, analysis, and performance of various kinds of music, including baroque and classical music, popular music, and Canadian and non-Western music. Students will perform technical exercises and appropriate repertoire, complete detailed creative activities, and analyse and evaluate live and recorded performances. They will continue to increase their understanding of the elements of music while developing their technical and imaginative abilities.
Repertoire	AMR4M1	University College	12	Art	AMU3M1 AMR3M1	This course emphasizes the appreciation, analysis, and performance of various kinds of music, including baroque and classical music, popular music, and Canadian and non-Western music. Students will perform technical exercises and appropriate repertoire, complete detailed creative activities, and analyse and evaluate live and recorded performances. They will continue to increase their understanding of the elements of music while developing their technical and imaginative abilities.
Music	AMU101	Open	9	Art		This course emphasizes the creation and performance of music at a level consistent with previous experience and is aimed at developing technique, sensitivity, and imagination. Students will develop musical literacy skills by using the creative and critical analysis processes in composition, performance, and a range of reflective and analytical activities. Students will develop an understanding of the conventions and elements of music and of safe practices related to music and will develop a variety of skills transferable to other areas of their life.
Music	AMU201	Open	10	Art	AMU101 (strongly recommended)	This course emphasizes the creation and performance of music at a level consistent with previous experience. Students will develop musical literacy skills by using the creative and critical analysis processes in composition, performance, and a range of reflective and analytical activities. Students will develop their understanding of musical conventions, practices, and terminology and apply the elements of music in a range of activities. They will also explore the function of music in society with reference to the self, communities, and cultures.

Media Arts	ASM201	Open	10	Art		This course enables students to create media art works by exploring new media, emerging technologies such as digital animation, and a variety of traditional art forms such as film, photography, video, and visual arts. Students will acquire communications skills that are transferable beyond the media arts classroom and develop an understanding of responsible practices related to the creative process. Students will develop the skills necessary to create and interpret media art works.
Media Arts	ASM3M1	University College	11	Art	ASM201	This course focuses on the development of media arts skills through the production of art works involving traditional and emerging technologies, tools, and techniques such as new media, computer animation, and web environments. Students will explore the evolution of media arts as an extension of traditional art forms, use the creative process to produce effective media art works, and critically analyse the unique characteristics of this art form. Students will examine the role of media artists in shaping audience perceptions of identity, culture, and community values.
Media Arts	ASM4M1	University College	12	Art	ASM3M1	This course emphasizes the refinement of media arts skills through the creation of a thematic body of work by applying traditional and emerging technologies, tools, and techniques such as multimedia, computer animation, installation art, and performance art. Students will develop works that express their views on contemporary issues and will create portfolios suitable for use in either career or post-secondary education applications. Students will critically analyse the role of media artists in shaping audience perceptions of identity, culture, and community values.
Visual Arts-Comprehensive	AVI101	Open	9	Art		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.
Visual Arts-Comprehensive	AVI201	Open	10	Art		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.
Visual Arts-Comprehensive	AVI3M1	University College	11	Art	AVI101 AVI201	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 emergent 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).
Visual Arts-Comprehensive	AVI4M1	University College	12	Art	AVI3M1	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.
Visual Arts-Art and Design	AVI4MA	University College	12	Art	AVI3M1	The AP Art and Design course framework presents an inquiry-based approach to learning about and making art and design. Students are expected to conduct an in-depth, sustained investigation of materials, processes, and ideas. The framework focuses on concepts and skills emphasized within university/college art and design foundations courses with the same intent: to help students become inquisitive, thoughtful artists and designers able to articulate information about their work. AP Art and Design students develop and apply skills of inquiry and investigation, practice, experimentation, revision, communication, and reflection. During the course, students will work to produce a portfolio to meet the standards set up by the AP College Board.
Arts & Crafts	AWA301	Open	11	Art		Students will use the creative process to create art works that reflect a wide range of subjects and will evaluate works using the critical analysis process. Students will also explore works of art within a personal, contemporary, historical, and cultural context.

Visual Arts – Photography	AWQ3M1	University	11	Art		This course focuses on studio activities in one or more of the visual arts. Students will create art works that explore a wide range of subject matter, and will evaluate art works, providing grounds for their aesthetic judgements. They will also examine historical and cultural contexts of Western art (including Canadian art) and art from various world cultures to support their study of specific media. The focus will be on Photography using a 35 mm camera.
Visual Arts – Photography	AWQ4M1	University College	12	Art	AWQ3M1 AWQ3O1	This course focuses on the refinement of students' skills and knowledge in visual arts. Students will analyse art forms; use theories of art in analysing and producing art; and increase their understanding of stylistic changes in modern and Contemporary Western art, Canadian (including Native Canadian) art, and art forms from various parts of the world. Students will produce a body of work demonstrating a personal approach. The focus will be on digital photography.
Accounting	BAF3M1	University College	11	Business Studies		This course introduces students to the fundamental principles and procedures of accounting, with emphasis on accounting procedures used in service and merchandising businesses. Students will develop an understanding of the connections between financial analysis, control, and decision making in the management of a business, as well as the effects of technology and globalization on accounting procedures and the role of the accountant.
Financial Accounting Principles	BAT4M1	University College	12	Business Studies	BAF3M1	This course emphasizes study of accounting principles related to financial statements. Students will learn about ways in which information in these statements is used in making business decisions, and about the effects on financial statements of using different methods of inventory valuation and adjusting and reversing entries. Students will also study various means of financing a business and ways in which the strength of a corporation can be determined through the reading of its annual report.
International Business	BBB4M1	University College	12	Business Studies		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.
Entrepreneurship The Venture	BDI3C1	College	11	Business Studies		This course focuses on ways in which entrepreneurs recognize opportunities, generate ideas, and organize resources to plan successful ventures that enable them to achieve their personal goals by satisfying the needs of others. Students will learn about values, traits, and skills most often associated with successful entrepreneurial activity.
Entrepreneurship Venture Planning	BDV4C1	College	12	Business Studies Leadership		This course focuses on the application of entrepreneurial characteristics and skills. Students will learn how to develop a venture plan. In making the plan, they will consider available resources, analyse the potential market base, identify legal requirements and available financing, evaluate all aspects of the plan, and identify the management skills and technology that would be required in carrying out their plan.
Building the Entrepreneurial Mindset	BEM1O	Open	9	Business Studies		In this course, students will learn what makes an entrepreneur thrive and the skills required to succeed in today's business environment. Students will begin to develop their own entrepreneurial mindset, and learn why it's important to take initiative, adapt to change, find creative solutions, and understand the financial considerations of entrepreneurship. This hands-on course will use business software and applications to help students plan and develop their entrepreneurial ideas and learn how to present them to a target audience. Throughout the course, students will enhance their communications skills as well as develop and refine their project management skills, including goal setting, time management, and networking.
Launching and Leading a Business	BEP2O	Open	10	Business Studies		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.
Marketing: Goods, Services, Events	BMI3C1	College	11	Business Studies		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.

Business Leadership	BOH4M1	University College	12	Business Studies		This course focuses on ways in which organizations deal with issues affecting their competitiveness in a changing technological and global business environment. Students will analyse various leadership techniques and study various issues such as ethics in business, social responsibility, management of group dynamics, uses of information technology, workplace stress and conflict, motivation of employees, and globalization. Students will also investigate the management of a diverse workforce within an organization and the importance of strategic planning.
Geography of Canada	CGC1W1	De-streamed	9	Canadian and World Studies		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.
AP Prep Geography Of Canada	CGC1WA	De-streamed	9	Canadian and World Studies		This is an AP Prep course.
Physical Geography	CGF3M1	University College	11	Canadian and World Studies	CGC1W1 CGC1WA	This course examines the major patterns of physical geography and the powerful forces that affect them. Students will investigate the dynamic nature of the earth, the evolving relationship between the planet and its people, and the factors that limit our ability to predict the changes that will occur. Students will use a wide range of geotechnologies and inquiry methods to investigate the distribution and interaction of the elements of their physical environment and to communicate their findings.
AP World Issues: A Geographic Analysis	CGW4UA	University	12	Canadian and World Studies	CGW1DA CHC2DA ENG3U1 ENG3UA HSP3U	This is an AP Course. This course looks at the global challenge of creating a more sustainable and equitable world. Students will explore a range of issues involving environmental, economic, social, and geopolitical interrelationships, and will examine governmental policies related to these issues. Students will apply the concepts of geographic thinking and the geographic inquiry process, including spatial technologies, to investigate these complex issues, including their impact 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.
American History	CHA3U1	University	11	Canadian and World Studies	CHC2D1 ENG2D CHC2DA	This course traces the social, economic, and political development of the United States from colonial times to the present. Students will examine issues of diversity, identity, and culture that have influenced the country's social and political formation and will consider the implications of its expansion into a global superpower. Students will use critical-thinking and communication skills to determine causal relationships, evaluate multiple perspectives, and present their own points of view.
Canadian History since World War I	CHC2D1	Academic	10	Canadian and World Studies		This course explores the local, national, and global forces that have shaped Canada's national identity from World War I to the present. Students will investigate the challenges presented by economic, social, and technological changes and explore the contributions of individuals and groups to Canadian culture and society during this period. Students will use critical-thinking and communication skills to evaluate various interpretations of the issues and events of the period and to present their own points of view.
AP Prep Canadian History in the 20th Century	CHC2DA	Academic	10	Canadian and World Studies		This is an AP Prep course.
Canadian History since World War I	CHC2L1	Locally Developed	10	Canadian and World Studies		This course focuses on the connections between the student and key people, events, and themes in Canadian history from World War I to the present. Students prepare for the Grades 11 and 12 workplace preparation courses through the development and extension of historical literacy and inquiry skills. Students explore a variety of topics highlighting individuals and events that have contributed to the story of Canada. The major themes are explored through guided investigation with an increased emphasis on practicing reading, writing, visual, and oral literacy skills in order to communicate ideas in a variety of forms. This course helps students to meet the Ontario Catholic School Graduate Expectations by enabling each person to become an effective communicator who listens actively and critically to understand in the light of gospel values; reads, understands, and uses written materials effectively; and presents information and ideas honestly and with sensitivity to others.

Canadian History	CHC2P1	Applied	10	Canadian and World Studies		This course explores some of the events and experiences that have influenced the development of Canada's identity as a nation, from World War I to the present. By examining how the country has responded to economic, social, and technological changes and how individuals and groups have contributed to Canadian culture and society during this period, students will develop their ability to make connections between historical and current events. Students will have opportunities to formulate questions, locate information, develop informed opinions, and present ideas about the central issues and events of the period.
Civics (0.5credit)	CHV2O5	Open	10	Civics		This course explores what it means to be an informed, participating citizen in a democratic society. Students will learn about the elements of democracy in local, national, and global contexts, about political reactions to social change, and about political decision-making processes in Canada. They will explore their own and others' ideas about civics questions and learn how to think critically about public issues and react responsibly to them.
World History to the 16th Century	CHW3M1	University College	11	Canadian and World Studies	CHC2D1 CHC2P1 CHC2DA	This course investigates the history of humanity from earliest times to the sixteenth century. Students will analyse diverse societies from around the world, with an emphasis on the political, cultural, and economic structures and historical forces that have shaped the modern world. They will apply historical inquiry, critical-thinking, and communication skills to evaluate the influence of selected individuals, groups, and innovations and present their conclusions.
World History: West & World	CHY4U1	University	12	Canadian and World Studies	ENG3U1 HRT3M1 HSP3M1 ENG3UA	This course investigates the major trends in Western civilization and world history from the sixteenth century to the present. Students will learn about the interaction between the emerging West and other regions of the world and about the development of modern social, political, and economic systems. They will use critical-thinking and communication skills to investigate the historical roots of contemporary issues and present their conclusions.
Analysing Current Economic Issues	CIA4U1	University	12	Canadian and World Studies	CHA3U1 CHW3M1 CGF3M1 ENG3U1 ENG3UA HSP3U1	This course explores the choices that individuals and societies make about the use of resources in a competitive global economy. Students will use economic concepts and models, as well as methods of economic inquiry, to analyze current economic issues and make informed economic choices based on their analysis. Note: this course counts as a group 1 additional compulsory credit and can also be applied towards the Business Certificate.
The Individual and the Economy	CIE3M1	University College	11	Canadian and World Studies		This course explores economic concepts relating to the Canadian economic system that will help students make informed decisions about how to use resources to satisfy wants and needs. Students will use economic concepts and models, as well as methods of economic inquiry, to analyze the choices they will make during their lives as consumers, contributors, and citizens in a mixed economy. Note: this course counts as a group 1 additional compulsory credit and can also be applied towards the Business Certificate.
Law-Canadian and International Law	CLN4U1	University	12	Canadian and World Studies	CLU3M1 ENG3U1 HRT3M1 HSP3M1 ENG3UA	This course examines elements of Canadian and international law in social, political, and global contexts. Students will study the historical and philosophical sources of law and the principles and practices of international law and will learn to relate them to issues in Canadian society and the wider world. Students will use critical-thinking and communication skills to analyse legal issues, conduct independent research, and present the results of their inquiries in a variety of ways.
Law-Understanding Canadian Law	CLU3M1	University College	11	Canadian and World Studies	CHC2D1 CHC2DA	This course explores Canadian law with a focus on legal issues that are relevant to people's everyday lives. Students will investigate fundamental legal concepts and processes to gain a practical understanding of Canada's legal system, including the criminal justice system. Students will use critical-thinking, inquiry, and communication skills to develop informed opinions on legal issues and apply this knowledge in a variety of ways and settings, including case analysis, legal research projects, mock trials, and debates.
AP Comparative Politics	CPW4UA	University	12	Canadian and World Studies	ENG3U1 ENG3UA	This is an AP course. This course explores various perspectives on issues in Canadian and world politics. Students will explore how major political decisions are made, 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. The AP component of the course will focus on these issues in the context of six difference countries. Students will apply a comparative politics approach, building on the political thinking and inquiry process to investigate issues, events, and developments of national and international importance, and to develop and communicate informed opinions about them.
E-Learning	ELEARN	Open		eLearning		Please see your Guidance Counsellor.

English	ENL1WL	Locally Developed	9	English		This course provides foundational literacy and communication skills to prepare students for success in their daily lives, in the workplace, in the Grade 11 English Workplace Preparation course. The course is organized by strands that develop listening and talking skills, reading and viewing skills, and writing skills. In all strands, the focus is on developing foundational literacy skills and on using language clearly and accurately in a variety of authentic contexts. Students develop strategies and put into practice the processes involved in talking, listening, reading, viewing, writing, and thinking, and reflect regularly upon their growth in these areas. LDCC English learning expectations challenge students to examine their conceptual understandings, develop and enhance their critical-thinking skills, and engage in meaningful dialogue.
English	ENL1W1	De-streamed	9	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.
English	ENG2D1	Academic	10	English	ENL1W1	This course is designed to extend the range of oral communication, reading, writing, and media literacy skills that students need for success in their secondary school academic programs and in their daily lives. Students will analyse literary texts from contemporary and historical periods, interpret and evaluate informational and graphic texts, and create oral, written, and media texts in a variety of forms. An important focus will be on the selective use of strategies that contribute to effective communication.
AP Prep English	ENG2DA	Academic	10	English	ENL1W1 ENL1WA	This is an AP Prep course.
English	ENG2L1	Locally Developed	10	English		In this course, students focus on extending their literacy and communication skills to prepare for success in their daily lives, in the workplace, in the English, Grade 11, Workplace Preparation course. The course is organized by strands that extend listening and talking skills, reading and viewing skills, and writing skills. In all strands, the focus is on refining foundational literacy skills and on using language clearly and accurately in a variety of authentic contexts. Students build on their strategies and engage in the processes involved in talking, listening, reading, viewing, writing, and thinking. Students reflect regularly upon their growth in these areas. LDCC English learning expectations challenge students to examine their conceptual understandings, develop and enhance their critical-thinking skills, and engage in meaningful dialogue.
English	ENG2P1	Applied	10	English	ENL1W1 ENG1DA	This course is designed to extend the range of oral communication, reading, writing, and media literacy skills that students need for success in secondary school and daily life. Students will study and create a variety of informational, literary, and graphic texts. An important focus will be on the consolidation of strategies and processes that help students interpret texts and communicate clearly and effectively. This course is intended to prepare students for the compulsory Grade 11 college or workplace preparation course. Students considering moving from one destination to another (e.g., applied to academic; academic to applied) are strongly encouraged to take a summer school course to encourage success in the transition.
Contemporary Aboriginal Voices	NBE3U1	University	11	English	ENG2D1 ENG2DA	This course emphasizes the development of literacy, critical thinking, and communication skills through the study of works in English by Indigenous writers in Canada. Through the analysis of literary texts and media works, students will develop an appreciation of the wealth and complexity of writing by Indigenous Peoples in Canada. Students will also conduct research and analyse the information gathered, write persuasive and literary essays, and analyse the relationship between media forms and audiences. An important focus will be the further development of students' understanding of English-language usage and conventions.
Contemporary Aboriginal Voices	NBE3C1	College	11	English	ENG2P1	This course emphasizes the development of literacy, critical thinking, and communication skills through the study of works in English by Aboriginal writers. Students will study the content, form, and style of informational texts and literary and media works and will develop an appreciation of the wealth and complexity of Aboriginal writing. Students will also write reports, correspondence, and persuasive essays, and analyse the relationship between media forms and audiences. An important focus will be on establishing appropriate voice and using business and technical language with precision and clarity.

Contemporary Aboriginal Voices	NBE3E1	Workplace Preparation	11	English	ENG2D1 ENG2P1 ENG2L1	This course explores themes, forms, and stylistic elements of literary, informational, graphic, oral, cultural, and media texts emerging from First Nations, Metis, and Inuit cultures in Canada, as well as some texts that relate to those cultures. In order to better understand contemporary texts, students will explore connections between traditional and contemporary text forms and cultural and community aspects of identity, relationships, and self-determination, sovereignty self-governance. Students will also create oral, written, and media texts focusing on the development of literacy, communication, and critical thinking skills necessary for success in the workplace and daily life. The course is intended to prepare students for the compulsory Grade 12 English workplace preparation course.
English	ENG4C1	College	12	English	ENG2P1 ENG3C1 ENG3U1 ENG3UA ESLD	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. Students considering moving from one destination to another (e.g., college to university; workplace to college) must successfully complete a transfer course. Students who have successfully completed ENG3U may also select this course.
English	ENG4E1	Workplace	12	English	ENG3E1	This course emphasizes the consolidation of literacy, communication, and critical and creative thinking skills necessary for success in the workplace and in daily life. Students will analyse informational, graphic, and literary texts and create oral, written, and media texts in a variety of forms for workplace-related and practical purposes. An important focus will be on using language accurately and organizing ideas and information coherently. The course is intended to prepare students for the workplace and active citizenship. Students considering moving from one destination to another (e.g., college to university; workplace to college) must successfully complete a transfer course. Students who have successfully completed ENG3C or ENG3U may also select this course.
English	ENG4U1	University	12	English	ENG3U1 ENG3UA	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. Students considering moving from one destination to another (e.g., college to university; workplace to college) must successfully complete a transfer course.
AP English	ENG4UA	University	12	English	ENG3UA	This is an Advanced Placement course. 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.
Ontario Literacy Course	OLC4O1	Open	12	English		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. The Principal has the discretion to allow a student to enrol in the OSSLC before he or she has had a second opportunity to take the OSSLT, if the principal determines that it is in the best educational interests of the student.

Beginning Communication in English	ESLAO1	Open	9	English		This course builds on students' previous education and language knowledge to introduce the English language and help students adjust to their new cultural environment. Students will use beginning English language skills in listening, speaking, reading, and writing for everyday and essential academic purposes; use basic English language structures and simple sentence patterns in short conversations; 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 their new lives in Canada.
English in Daily Life	ESLBO1	Open	9	English	ESLAO1	This course builds on students' previous education and language knowledge to introduce the English language and help students adjust to their new cultural environment. Students will use beginning English language skills in listening, speaking, reading, and writing for everyday and essential academic purposes; use basic English language structures and simple sentence patterns in short conversations; 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 their new lives in Canada.
English for School and Work Life	ESLCO1	Open	9	English	ESLBO1	This course extends students' skills in listening, speaking, reading, and writing in English for a variety of everyday and academic purposes. Students will make short classroom presentations; read a variety of adapted and original texts in English; and write using a variety of forms of text. Students will also expand their academic vocabulary and their study skills to facilitate the transition to the mainstream school program. This course also introduces students to the rights and responsibilities inherent in Canadian citizenship, and to a variety of current Canadian issues.
Study Skills in English	ESLDO1	Open	9	English	ESLCO1	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 reading, writing, and oral presentation skills required for success in all school subjects. They will study and interpret a variety of grade-level texts; extend listening and speaking skills through participation in discussions and seminars; write narratives, articles, and summaries in English; and respond critically to various print and media texts.
Study Skills in English	ESLEO1	Open	9	English	ESLDO1	This course provides students with the skills and strategies they need to make the transition to college and university preparation courses in English and other secondary school disciplines. Students will be encouraged to develop independence in a range of academic tasks. They will participate in debates and lead classroom workshops; read and interpret literary works and academic texts; write essays, narratives, and reports; and apply a range of learning strategies and research skills effectively. Students will further develop their ability to respond critically to print and media texts.
The Writer's Craft	EW4U1	University	12	English	ENG3U1 ENG3UA	This course emphasizes knowledge and skills related to the craft of writing. Students will analyse models of effective writing; use a workshop approach to produce a range of works; identify and use techniques required for specialized forms of writing; and identify effective ways to improve the quality of their writing. They will also complete a major paper as part of a creative or analytical independent study project and investigate opportunities for publication and for writing careers.
Core French	FSF1D1	Academic	9	French	Minimum of 600 hours of Elementary Core French instruction or equivalent	This course emphasizes the further development of oral communication, reading, and writing skills. Students will build on and apply their knowledge of French while exploring a variety of themes, such as relationships, social trends, and careers. Thematic readings, which include a selection of short stories, articles, and poems, will serve as stepping-stones to oral and written activities.
AP Prep Core French	FSF1DA	Academic	9	French	Minimum of 600 hours of Elementary Core French instruction or equivalent	This is an AP Prep course.
Core French	FSF2D1	Academic	10	French	FSF1D1	This course enables students to increase their knowledge of the French language, further develop their language skills, and deepen their understanding and appreciation of francophone culture around the world. Exploring a variety of themes, students will develop and apply critical thinking skills in discussion, in their analysis and interpretation of texts, and in their own writing.
AP Prep Core French	FSF2DA	Academic	10	French	FSF1D1 FSF1DA	This course is an AP Prep course. This course provides opportunities for students to communicate in French about personally relevant, familiar, and academic topics in real-life situations with increasing independence. Students will exchange information, ideas, and opinions with others in guided and increasingly spontaneous spoken interactions. Students will continue to develop their language knowledge and skills through the selective use of strategies that contribute to effective communication. They will also increase their understanding and appreciation of diverse French-speaking communities and will continue to develop the skills necessary to become life-long language learners.

AP Prep Core French	FSF3UA	Academic	11	French	FSF2D1 FSF2DA	This is an AP Prep course. This course offers students extended opportunities to speak and interact in real-life situations in French with greater independence. Students will develop their creative and critical thinking skills through responding to and exploring a variety of oral and written texts. They will continue to broaden their understanding and appreciation of diverse French-speaking communities and to develop the skills necessary for life-long language learning.
Core French	FSF3U1	University	11	French	FSF2D1 FSF2DA	This course draws on a variety of themes to promote extensive development of reading and writing skills and to reinforce oral communication skills. Students will gain a greater understanding of French-speaking cultures in Canada and around the world through their reading of a variety of materials, including a short novel or a play. Students will produce various written assignments, including a formal essay. The use of correct grammar and appropriate language conventions in both spoken and written French will be emphasized throughout the course.
AP Core French	FSF4UA	University	12	French	FSF3UA	This is an Advanced Placement course. This course provides extensive opportunities for students to speak and interact in French independently. Students will apply language-learning strategies in a wide variety of real-life situations, and will continue to develop their creative and critical thinking skills through responding to and interacting with a variety of oral and written texts. Students will also continue to enrich their understanding and appreciation of diverse French-speaking communities and to develop the skills necessary for life-long language learning.
Core French	FSF4U1	University	12	French	FSF3U1 FSF3UA	This course draws on a variety of themes to promote extensive development of French language skills. Students will consolidate their oral skills as they discuss literature, culture, and current issues. They will read a variety of texts and will write a formal essay. The use of correct grammar and appropriate language conventions in both spoken and written French will be emphasized throughout the course.
Career Studies (0.5 credit)	GLC205	Open	10	Careers		This course teaches students how to develop and achieve personal goals in education and work and contribute to their communities. Student learning will include assessing their own knowledge, skills, and characteristics and investigating economic trends, workplace organization, work opportunities, and ways to search for work. The course explores postsecondary learning options, prepares students for community-based learning, and helps them build the capabilities needed for managing work and life transitions. Students will design action plans for pursuing their goals.
Learning Strategies	GLE101	Open	9	Guidance and Career Education		This course focuses on learning strategies to help students become better, more independent learners. Students will learn how to develop and apply literacy and numeracy skills, personal management skills, and interpersonal and teamwork skills to improve their learning and achievement in school, the workplace and the community. The course helps students build confidence and motivation to pursue opportunities for success in secondary school and beyond.
Learning Strategies	GLE201	Open	10	Guidance and Career Education		This course focuses on learning strategies to help students become better, more independent learners. Students will learn how to develop and apply literacy and numeracy skills, personal management skills, and interpersonal and teamwork skills to improve their learning and achievement in school, the workplace and the community. The course helps students build confidence and motivation to pursue opportunities for success in secondary school and beyond.
Advanced Learning Strategies	GLE301	Open	11	Guidance and Career Education		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.
Advanced Learning Strategies	GLE401	Open	12	Guidance and Career Education		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.

Families in Canada	HHS4U1	University	12	Social Sciences Humanities	Gr 11 U/C SS, English, Cndn & World Studies	This course enables students to draw on sociological, psychological, and anthropological theories and research to analyse the development of individuals, intimate relationships, and family and parent-child relationships. Students will focus on issues and challenges facing individuals and families in Canada's diverse society. They will develop analytical tools that enable them to assess various factors affecting families and to consider policies and practices intended to support families in Canada. They will develop the investigative skills required to conduct and communicate the results of research on individuals, intimate relationships, and parent-child relationships.
Religious Education	HRE101	Open	9	Religion		This course uses the Beatitudes as a framework to examine the attitudes and actions that characterize the Christian life. Students will derive knowledge and skills from a study of Scripture, Profession of Faith, Christian Moral Development, Prayer, Sacramental Life, and Family Life. Students are encouraged to grow in Gospel values while actively engaging in a variety of challenging educational activities.
Religious Education	HRE201	Open	10	Religion		This course examines the relationship between the person and message of Christ and the dominant attitudes of contemporary culture. Beginning with the Gospel narratives as a foundation, students acquire a deeper and more systematic knowledge of Christ, his message and his Church. Connections between the living Church and contemporary culture are explored in terms of what it means to be a responsible adolescent developing within a community of disciples in the context of a secular, pluralistic world. In the Family Life Education strand, students explore a variety of topics related to the themes of personhood, interpersonal relationships and sexuality.
Religious Education	HRE20A	Open AP-Capstone	10	Religion		As a preparatory course for the AP- Capstone seminar in grade 11 students will begin to develop research, inquiry, and communication skills necessary to be successful in the AP Capstone program while challenging students to personalize the Gospel values and social justice principles that guide Catholics in understanding their role in shaping culture as disciples of Jesus. Students will explore such foundational topics as what it means to be human, created in God's image, what is culture, Christ and culture, living together in solidarity, social justice, prayer and sacrament, friendship, and intimacy. Connections between the living Church and contemporary culture are explored in terms of what it means to be a responsible Christian adolescent in a secularized, pluralistic world. This is a preparatory course for the AP Capstone Diploma program.
Religious Education (Drama)	HRE2D1	Open	10	Religion		This course both invites and challenges the adolescent to personalize the Gospel values and social justice principles that guide Catholics in understanding their role in shaping culture as disciples of Jesus. Students will explore such foundational topics as: what it means to be human, created in God's image, what is culture, Christ and culture, living together in solidarity, social justice, prayer and sacrament, friendship and intimacy. Connections between the living Church and contemporary culture are explored in terms of what it means to be a responsible Christian adolescent in a secularized, pluralistic world. COURSE NOTE: This course uses drama and other art forms to cover the Grade 10 Religion curriculum.
Religious Education	HRE4M1	University College	12	Church & Culture		This course is directed toward the clear identification of Catholic moral principles and the concrete application of these principles in the lives of students. The course proceeds from foundational beliefs rooted in Sacred Scripture concerning justice and peace to an exploration of the principles that shape Christian life. In the family Life Education strand, students explore a variety of topics related to the themes of person-hood, interpersonal relationships and sexuality. Special attention is given to the interaction between the Church and culture. The modern world is characterized by a multiplicity of values, philosophies and ideologies. In a democratic, pluralistic society, these concepts may creatively reinforce one another or they may compete with and contradict one another. The Christian moral life is a call to follow Jesus Christ, to believe in the redemptive love of God for humankind and to proclaim and incarnate the reign of God as inaugurated by Jesus Christ. This course is intended to prepare the senior student for this lifelong task.

Religious Education	HRE4MA	University College AP-Capstone Research	12	Church & Culture		AP Capstone Research: is a program developed in collaboration with Canadian Universities to help develop the research, inquiry, communication and interdisciplinary skills need to thrive in post secondary. AP Research allows students to deeply explore an academic area of individual interest to investigate a research question. Through this inquiry, they further the skills they acquired in the AP Seminar course by learning research methodology, employing ethical research practices that are in line with Catholic moral principles, and accessing, analyzing, and synthesizing information. Students reflect on their skill development, document their processes, and curate the artifacts of their scholarly work through a process and reflection portfolio. The course culminates in an academic paper of 4,000–5,000 words and a presentation with an oral defense. This course is intended to prepare the senior student to live as a responsible citizen who promotes the sacredness of life, witnesses Catholic social teaching by promoting equality, and respects and affirms the diversity and interdependence of the world's peoples and cultures. • AP Seminar is a prerequisite for any student wishing to earn a Capstone diploma
Religious Education	HRE401	Open	12	Religion		This course assists students in their development of the skills and knowledge necessary to live lives of full maturity. Within the Catholic faith tradition, it is believed that this growth towards human maturity is best served when students are able to define themselves authentically in relation to their God, to other people and to their world. In the Family Life Education strand, students explore a variety of topics related to the themes of personhood, interpersonal relationships and sexuality. Students will demonstrate knowledge of the prophetic tradition in Scripture, become familiar with the social teachings of the Catholic Church, explore contemporary notions of spirituality and prayer, and recognize the importance, power and potential of the human person in relation to morality and personal choices concerning future life paths.
World Religions	HRF301	Open	11	Religion		This course enables students to study world religions and belief traditions in local, Canadian, and global contexts. Students will explore aspects of the human quest for meaning and will examine world religions and belief traditions as exemplified in various sacred teachings and principles, rites, and passages. They will also study the interaction throughout history between society and various belief traditions, and will have opportunities to develop research and inquiry skills related to the study of world religions and belief traditions.
World Religions	HRT3M1	University College	11	Religion		This course provides students with opportunities to explore various world religions and belief traditions. Students will develop knowledge of the terms and concepts relevant to this area of study, will examine the ways in which religions and belief traditions meet various human needs, and will learn about the relationship between belief and action. They will examine sacred writings and teachings, consider how concepts of time and place influence different religions and belief traditions, and develop research and inquiry skills related to the study of human expressions of belief.
Challenge and Change in Society	HSB4U1	University	12	Social Studies and Humanities	ENG3U1 ENG3UA FSF3U1 HRT3M1 HSP3U1	This course focuses on the use of social science theories, perspectives, and methodologies to investigate and explain shifts in knowledge, attitudes, beliefs, and behaviour and their impact on society. Students will critically analyse how and why cultural, social, and behavioural patterns change over time. They will explore the ideas of social theorists and use those ideas to analyse causes of and responses to challenges such as technological change, deviance, and global inequalities. Students will explore ways in which social science research methods can be used to study social change. Prerequisite: Any university or University/College preparation course in social sciences and humanities, English, or Canadian and World Studies.
Equity, Diversity, and Social Justice	HSE4M1	University College	12	Religion		The aim of this course is to assist students in understanding themselves as moral persons living the way of Christ through an examination of the revelation of sacred Scripture, and the experience and teaching of the Catholic Church. This course enables students to develop an understanding of the theoretical, social, and historical underpinnings of various equity and social justice issues, and to analyse strategies for bringing about positive social change, through a Catholic perspective. Through the process of inquiry, students will learn about historical and contemporary equity and social justice issues in Canada and globally. They will also explore power relations and the impact of a variety of factors on equity and social justice through the inquiry process. Students will engage in critical reflection on these issues in light of Scripture, Church teaching, and important thinkers. Students will develop and apply research skills and will design and implement a social action initiative relating to an equity or social justice issue. Students are challenged to articulate and adopt the Christian stance in the response to equity and social justice issues and initiatives for change.

Equity and Social Justice	HSE4MA	University College AP-Capstone Seminar	12	Social Sciences and Humanities	Gr 11 Social Sciences & Humanities, English, Cndn World Studies	Capstone is a program developed in collaboration with Canadian Universities to help develop the research, inquiry, communication and interdisciplinary skills need to thrive in post secondary. Using Papal Encyclicals and Catholic social teachings as a guide, the course enables students to develop an understanding of the theoretical, social, and historical underpinnings of various issues. Students will learn about historical and contemporary justice issues and explore power relations. The course aims to equip students to use the gospels to inform their lives, develop the tools to analyze information, and conduct investigations with accuracy and precision in order to craft and communicate evidence-based arguments. • This is the first of two courses required for the AP Capstone Diploma
Introduction to Anthropology, Psychology	HSP3U1	University	11	Social Sciences and Humanities	CHC2D1 CHC2DA ENG2D1 ENG2DA	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, and to become familiar with current thinking on a range of issues within the three disciplines.
Introduction to Computer Science	ICS3U1	University	11	Computer Studies		This course helps students examine computer science concepts. Students will outline stages in software development, define standard control and data Structures, identify on- and off-line resources, explain the functions of basic computer components, and develop programming and problem-solving skills by using operating systems and implementing defined practices. As well as identifying careers in computer science, students will develop an understanding of the ethical use of computers and the impact of emergent technologies on society.
Computer Science	ICS4U1	University	12	Computer Studies	ICS3U1	This course helps students use programming and software engineering principles to design and develop algorithms and programs. Students will use software development and diagnostic tools, implement data structures and algorithms, and use file management techniques in project settings. They will also develop an understanding of the ethics of computer use and the impact of information technology on the community and will explore postsecondary education and career paths in computer science. Course Outline: This course helps students use programming and software engineering principles to design and develop algorithms and programs. Students will use software development and diagnostic tools, implement data structures and algorithms, and use file management techniques in project settings. They will also develop an understanding of the ethics of computer use and the impact of information technology on the community, and will explore postsecondary education and career paths in computer science.
Introduction to Personal Finance	IDC4UB	University	12	Interdisciplinary Studies	This course is open to gr 11 students who have completed 1 U/M course.	In this introductory course, students learn the best practices for managing their own finances. Students learn core skills in creating budgets, developing long-term financial plans to meet their goals, and how to make responsible choices about income and expenses. Students will simulate the use of chequing and saving accounts; demonstrate knowledge of finance, debt, and credit management; evaluate and understand insurance and taxes. Students will analyze their personal financial decisions, evaluate the costs and benefits of their decisions, recognize their rights and responsibilities as consumers, and apply the knowledge learned to financial situations encountered later in life. **Students may have taken IDC4UP, but only one IDC4U course can be used as a top 6 U/M course to apply to University
Physical Education Leadership	IDC4UP	University	12	Interdisciplinary Studies		This course explores human relations, communication, and barriers; and personality and leadership styles that affect individuals in educational (focus on physical education), and social settings. 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 resources; 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 next contexts, and communicate new knowledge.
Foundations for College Math	MAP4C1	College	12	Mathematics	MBF3C1 MCF3M1 MCR3U1 MCR3UA	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; 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.

Mathematics	MAT1L1	Locally Developed	9	Mathematics		This course emphasizes further development of mathematical knowledge and skills to prepare students for success in their everyday lives, in the workplace, in the Grade 10 LDCC course, and in the Mathematics Grade 11 and Grade 12 Workplace Preparation courses. The course is organized by three strands related to money sense, measurement, and proportional reasoning. In all strands, the focus is on developing and consolidating key foundational mathematical concepts and skills by solving authentic, everyday problems. Students have opportunities to further develop their mathematical literacy and problem-solving skills and to continue developing their skills in reading, writing, and oral language through relevant and practical math activities.
Mathematics	MAT2L1	Locally Developed	10	Mathematics	MAT1L1	This course emphasizes the extension of mathematical knowledge and skills to prepare students for success in their everyday lives, in the workplace, and in the Mathematics Grade 11 and Grade 12 Workplace Preparation courses. The course is organized by three strands related to money sense, measurement, and proportional reasoning. In all strands, the focus is on strengthening and extending key foundational mathematical concepts and skills by solving authentic, everyday problems. Students have opportunities to extend their mathematical literacy and problem-solving skills and to continue developing their skills in reading, writing, and oral language through relevant and practical math activities.
Foundations for College Math	MBF3C1	College	11	Mathematics	MFM2P1 MPM2D1 MPM2DA	This course enables students to broaden their understanding of exponential growth and of important areas of personal finance. Students will investigate properties of exponential functions and develop skills in manipulating exponential expressions; solve problems and investigate financial applications involving compound interest and annuities; and apply mathematics in making informed decisions about transportation, accommodation, and career choices.
Functions and Applications	MCF3M1	University College	11	Mathematics	MFM2P1 MPM2D1 MPM2DA	This course introduces some financial applications of mathematics and extends students' experiences with functions. Students will solve problems in personal finance involving applications of sequences and series; investigate properties and applications of trigonometric functions; develop facility in operating with polynomials, rational expressions, and exponential expressions; develop an understanding of inverses and transformations of functions; and develop facility in using function notation and in communicating mathematical reasoning.
Functions	MCR3U1	University	11	Mathematics	MPM2D1 MPM2DA	This course introduces some financial applications of mathematics, extends students' experiences with functions, and introduces second-degree relations. Students will solve problems in personal finance involving applications of sequences and series; investigate properties and applications of trigonometric functions; develop facility in operating with polynomials, rational expressions, and exponential expressions; develop an understanding of inverses and transformations of functions; and develop facility in using function notation and in communicating mathematical reasoning. Students will also investigate loci and the properties and applications of conics.
AP Prep Functions	MCR3UA	University	11	Mathematics	MPM2DA	This is an AP Prep mathematics course.
Math for College Technology	MCT4C1	College	12	Mathematics	MCF3M1 MCR3U1 MCR3UA	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.
Calculus and Vectors	MCV4U1	University	12	Mathematics	MHF4U1	This university preparation course Calculus and Vectors is designed to prepare students for university programs, such as science, engineering, and economics, that include a calculus or linear algebra course in the first year. Calculus is introduced in the Rate of Change strand by extending the numeric and graphical representation of rates of change introduced in the Advanced Functions course to include more abstract algebraic representations. The Derivatives and Their Applications strand provides students with the opportunity to develop the algebraic and problem-solving skills needed to solve problems associated with rates of change. Prior knowledge of geometry and trigonometry is used in the Geometry and Algebra of Vectors strand to develop vector concepts that can be used to solve interesting problems, including those arising from real-world applications.

AP Calculus and Vectors	MCV4UA	University	12	Mathematics	MHF4UA	This is the AP Gr 12 Calculus and Vectors Course. The Grade 12 university preparation course Calculus and Vectors is designed to prepare students for university programs, such as science, engineering, and economics, that include a calculus or linear algebra course in the first year. Calculus is introduced in the Rate of Change strand by extending the numeric and graphical representation of rates of change introduced in the Advanced Functions course to include more abstract algebraic representations. The Derivatives and Their Applications strand provides students with the opportunity to develop the algebraic and problem-solving skills needed to solve problems associated with rates of change. Prior knowledge of geometry and trigonometry is used in the Geometry and Algebra of Vectors strand to develop vector concepts that can be used to solve interesting problems, including those arising from real-world applications.
Mathematics of Data Management	MDM4U1	University	12	Mathematics	MCF3M1 MCR3U1 MCR3UA	This course broadens students' understanding of mathematics as it relates to managing data. Students will apply methods for organizing large amounts of information; solve problems involving probability and statistics; and carry out a culminating project 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.
AP Mathematics of Data Management	MDM4UA	University	12	Mathematics	MCF3M1 MCR3U1 MCR3UA	This is the AP Gr 12 Mathematics of Data Management (stats) course.
Mathematics for Everyday Life	MEL3E1	Workplace	11	Mathematics	MAT2L1 MFM2P1	This course enables students to broaden their understanding of mathematics as it is applied in important areas of day-to-day living. Students will solve problems associated with earning money, paying taxes, and making purchases; apply calculations of simple and compound interest in saving, investing, and borrowing; and calculate the costs of transportation and travel in a variety of situations.
Mathematics for Everyday Life	MEL4E1	Workplace	12	Mathematics	MEL3E1	This course enables students to broaden their understanding of mathematics as it is applied in the workplace and daily life. Students will use statistics in investigating questions; apply the concept of probability to solve problems in familiar situations; investigate accommodation costs and create household budgets; use proportional reasoning; estimate and measure; and apply geometric concepts to create designs. Students will consolidate their mathematical skills as they solve problems and communicate their thinking.
Foundations of Mathematics	MFM2P1	Applied	10	Mathematics	MTH1W1	This course enables students to consolidate their understanding of relationships and extend their problem-solving and algebraic skills through investigation, the effective use of technology, and hands-on activities. Students will develop and graph equations in analytic geometry; solve and apply linear systems, using real-life examples; and explore and interpret graphs of quadratic relationships. Students will investigate similar triangles, the trigonometry of right-angled triangles, and the measurement of three-dimensional objects. Students will consolidate their mathematical skills as they solve problems and communicate their thinking.
Advanced Functions	MHF4U1	University	12	Mathematics	MCR3U1 MCR3UA MCT4C1	The Grade 12 university preparation course Advanced Functions satisfies the Mathematical prerequisite for some universities in areas that include business, social science, and health science programs. The strands in this course help students deepen their understanding of functions by revisiting the exponential and trigonometric functions introduced in Grade 11 to address related concepts such as radian measure and logarithmic functions and by extending prior knowledge of quadratic functions to explore polynomial and rational functions. The characteristics of Functions strand addresses some of the general features of functions through the examination of rates of change and methods of combining functions.
AP Advanced Functions	MHF4UA	University	12	Mathematics	MCR3UA	Preparation for the MCV4UA AP Calculus course.
Principles of Mathematics	MPM2D1	Academic	10	Mathematics	MTH1W1 MTH1WA	This course enables students to broaden their understanding of relations, extend their skills in multi-step problem solving, and continue to develop their abilities in abstract reasoning. Students will pursue investigations of quadratic functions and their applications; solve and apply linear systems; solve multi-step problems in analytic geometry to verify properties of geometric figures; investigate the trigonometry of right and acute triangles; and develop supporting algebraic skills.
Principles of Mathematics	MPM2DA	Academic	10	Mathematics	MTH1W1 MTH1WA	This is an AP Prep course.

Principles of Mathematics	MTH1W1	De-streamed	9	Mathematics		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.
Principles of Mathematics	MTH1W1A	De-streamed	9	Mathematics		This is an AP Prep course. .
Contemporary Aboriginal Voices	NBE3C1	College	11	English	ENG2P1 ENG2D1	This course emphasizes the development of literacy, critical thinking, and communication skills through the study of works in English by Aboriginal writers. Students will study the content, form, and style of informational texts and literary and media works and will develop an appreciation of the wealth and complexity of Aboriginal writing. Students will also write reports, correspondence, and persuasive essays, and analyse the relationship between media forms and audiences. An important focus will be on establishing appropriate voice and using business and technical language with precision and clarity.
Contemporary Aboriginal Voices	NBE3U1	University	11	English	ENG2D1 ENG2DA	This course emphasizes the development of literacy, critical thinking, and communication skills through the study of works in English by Indigenous writers in Canada. Through the analysis of literary texts and media works, students will develop an appreciation of the wealth and complexity of writing by Indigenous Peoples in Canada. Students will also conduct research and analyse the information gathered, write persuasive and literary essays, and analyse the relationship between media forms and audiences. An important focus will be the further development of students' understanding of English-language usage and conventions.
Contemporary Aboriginal Voices	NBE3UA	University	11	English	ENG2D1 ENG2DA	This is an AP Prep course
Co-operative Education	NGC3OC	Open	11	Co-op		Cooperative Education is a unique learning opportunity that extends classroom learning into business, industry, and the community. The opportunity to experience the workplace helps students explore career options and gather information they need to make informed decisions about their post-secondary destinations. Students increase their self-knowledge while developing valuable transferable skills and gain an understanding of the importance of attitude, teamwork and personal management skills in the workplace. Those students planning for the workplace destination, co-op facilitates the transition from school into work.
Co-operative Education	NGC4OC	Open	12	Co-op		Cooperative Education is a unique learning opportunity that extends classroom learning into business, industry and the community. The opportunity to experience the workplace helps students explore career options and gather information they need to make informed decisions about their post-secondary destinations. Students increase their self-knowledge while developing valuable transferable skills and gain an understanding of the importance of attitude, teamwork and personal management skills in the workplace. Those students planning for the workplace destination, co-op facilitates the transition from school to work.
Ontario Literacy Course	OLC4O1	Open	12	English		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. The Principal has the discretion to allow a student to enrol in the OSSLC before he or she has had a second opportunity to take the OSSLT, if the principal determines that it is in the best educational interests of the student

Female Fun Fit	PAF3OF	Open	11	Physical Education	This course helps students develop a personalized approach to healthy living. Students will examine the factors that affect their own health and the health of individuals as members of the community. They will learn about the components of the Vitality approach to healthy living – an initiative that promotes healthy eating, an active lifestyle and a positive self-image. Throughout this course, students will develop the skills necessary to take charge of and improve their own health as well as to encourage others to lead healthy lives. The focus of this course is to promote a healthy lifestyle through personal fitness planning and activities.(Fun fit)
Weight Training	PAF3OW	Open	11	Physical Education	This course focuses on the development of a personalized approach to healthy active living through participation in a variety of sports and recreational activities that have the potential to engage students' interest throughout their lives. Students will develop and implement personal physical fitness plans. In addition, they will be given opportunities to refine their decision-making, conflict-resolution, and interpersonal skills, with a view to enhancing their mental health and their relationships with others. Weight Training is open to male and female students.
Female Fun Fit	PAF4OF	Open	12	Physical Education	This course focuses on the development of a personalized approach to healthy active living through participation in a variety of sports and recreational activities that have the potential to engage students' interest throughout their lives. Students will develop and implement personal physical fitness plans. In addition, they will be given opportunities to refine their decision-making, conflict-resolution and interpersonal skills, with a view to enhancing their mental health and their relationships with others. The focus of this course is on fitness activities.
Weight Training	PAF4OW	Open	12	Physical Education	This course focuses on the development of a personalized approach to healthy active living through participation in a variety of sports and recreational activities that have the potential to engage students' interest throughout their lives. Students will develop and implement personal physical fitness plans. In addition, they will be given opportunities to refine their decision-making, conflict-resolution, and interpersonal skills, with a view to enhancing their mental health and their relationships with others. Weight Training is open to male and female students.
Rec & Leisure Activities	PAI3OR	Open	11	Physical Education	This course focuses on the development of a healthy lifestyle and participation in a variety of enjoyable physical activities that have the potential to engage students' interest throughout their lives. Students will be encouraged to develop personal competencies in various sports that will encourage them throughout their lives.
Rec & Leisure Phys. Ed	PAI4OR	Open	12	Physical Education	This course focuses on the development of a healthy lifestyle and participation in a variety of enjoyable physical activities that have the potential to engage students' interest throughout their lives. Students will be encouraged to develop personal competencies in various sports that will encourage them throughout their lives.
Basketball - Large Group Activities	PAL2OB	Open	10	Physical Education	This course emphasizes regular participation in a variety of enjoyable physical activities, with an emphasis on basketball, that promote lifelong healthy active living. Student learning will include the application of movement principles to refine skills; participation in a variety of activities that enhance personal competence, fitness, and health; examination of issues related to healthy sexuality, healthy eating, substance use and abuse; and the use of informed decision-making, conflict resolution, and social skills in making personal choices. The emphasis on this course is on the sport of basketball skill development, leadership, refereeing, personal fitness and coaching strategies. Open to males and females.
Netwall - Large Group Activities	PAL2OV	Open	10	Physical 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. The course will include a variety of net-wall activities such as badminton, squash, table tennis and tennis with an emphasis on volleyball.

Netwall - Large Group Activities	PAL3OV	Open	11	Physical 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. The course will include a variety of net-wall activities such as badminton, squash, table tennis and tennis with an emphasis on volleyball.
Healthy Active Living Female	PPL1OF	Open	9	Physical Education		This course emphasizes students' daily participation in a variety of enjoyable physical activities that promote lifelong healthy active living. Students will learn movement techniques and principles, ways to improve personal fitness and physical competence and safety/injury-prevention strategies. They will investigate issues related to healthy sexuality and the use and abuse of alcohol, tobacco, and other drugs and will participate in activities designed to develop goal- setting, communication, and social skills.
Healthy Active Living Male	PPL1OM	Open	9	Physical Education		This course emphasizes students' daily participation in a variety of enjoyable physical activities that promote lifelong healthy active living. Students will learn movement techniques and principles, ways to improve personal fitness and physical competence and safety/injury-prevention strategies. They will investigate issues related to healthy sexuality and the use and abuse of alcohol, tobacco, and other drugs and will participate in activities designed to develop goal- setting, communication, and social skills.
Healthy Active Living Female	PPL2OF	Open	10	Physical Education		This course emphasizes regular participation in a variety of enjoyable physical activities that promote lifelong healthy active living. Student learning will include the application of movement principles to refine skills; participation in a variety of activities that enhance personal competence, fitness, and health; examination of issues related to healthy sexuality, healthy eating, substance use and abuse; and the use of informed decision-making, conflict resolution, and social skills in making personal choices.
Healthy Active Living Male	PPL2OM	Open	10	Physical Education		This course emphasizes regular participation in a variety of enjoyable physical activities that promote lifelong healthy active living. Student learning will include the application of movement principles to refine skills; participation in a variety of activities that enhance personal competence, fitness, and health; examination of issues related to healthy sexuality, healthy eating, substance use and abuse; and the use of informed decision-making, conflict resolution, and social skills in making personal choices.
Healthy Active Living Male	PPL3OM	Open	11	Physical Education		This course focuses on the development of a healthy lifestyle and participation in a variety of enjoyable physical activities that have the potential to engage students' interest throughout their lives. Students will be encouraged to develop personal competencies in various sports that will encourage them throughout their lives.
Healthy Active Living Male	PPL4OM	Open	12	Physical Education		This course focuses on the development of a personalized approach to healthy active living through participation in a variety of sports and recreational activities that have the potential to engage students' interest throughout their lives. Students will develop and implement personal physical fitness plans. In addition, they will be given opportunities to refine their decision-making, conflict-resolution, and interpersonal skills, with a view to enhancing their mental health and their relationships with others.
Introductory Kinesiology	PSK4U1	University	12	Physical Education	Any Gr 11 U or M preparation course in science, or any Gr 11 or 12 course in health and physical education.	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.
Biology	SBI3C1	College	11	Science	SNC2D1 SNC2P1 SNC2DA	This course focuses on the processes involved in biological systems. Students will learn concepts and theories as they conduct investigations in the areas of cellular biology, microbiology, animal anatomy and physiology, plant structure and physiology, and environmental science. 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.

Biology	SBI3U1	University	11	Science	SNC2D1 SNC2DA	This course furthers students' understanding of the processes involved in biological systems. Students will study cellular functions, genetic continuity, internal systems and regulation, the diversity of living things, and the anatomy, growth, and functions of plants. The course focuses on the theoretical aspects of the topics under study, and helps students refine skills related to scientific investigation.
AP Prep Biology	SBI3UA	University	11	Science	SNC2DA	This is an AP Prep Science course in Biology.
Biology	SBI4U1	University	12	Science	SBI3U1 SBI3UA	This course provides students with the opportunity for in-depth study of the concepts and processes associated with biological systems. Students will study theory and conduct investigations in the areas of metabolic processes, molecular genetics, homeostasis, evolution, and population dynamics. Emphasis will be placed on achievement of the detailed knowledge and refined skills needed for further study in various branches of the life sciences and related fields.
AP Biology	SBI4UA	University	12	Science	SBI3UA	This is the Gr.12 AP Biology course.
Chemistry	SCH3U1	University	11	Science	SNC2D1 SNC2DA	This course focuses on the concepts and theories that form the basis of modern chemistry. Students will study the behaviours of solids, liquids, gases, and solutions; investigate changes and relationships in chemical systems; and explore how chemistry is used in developing new products and processes that affect our lives and our environment. Emphasis will also be placed on the importance of chemistry in other branches of science.
AP Prep Chemistry	SCH3UA	University	11	Science	SNC2DA	This is an AP Prep Science course in Chemistry. This course focuses on the concepts and theories that form the basis of modern chemistry. Students will study the behaviours of solids, liquids, gases, and solutions; investigate changes and relationships in chemical systems; and explore how chemistry is used in developing new products and processes that affect our lives and our environment. Emphasis will also be placed on the importance of chemistry in other branches of science.
Chemistry	SCH4C1	College	12	Science	SNC2D1 SNC2P1 SNC2DA	This course introduces students to the concepts that form the basis of modern chemistry. Students will study qualitative analysis, quantitative relationships in chemical reactions, organic chemistry, electrochemistry, and chemistry as it relates to the quality of the environment. Students will employ 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 in the development of new technologies and products.
Chemistry	SCH4U1	University	12	Science	SCH3U1 SCH3UA	This course enables students to deepen their understanding of chemistry through the study of organic chemistry, energy changes and rates of reaction, chemical systems and equilibrium, electrochemistry, and atomic and molecular structure. Students will further develop problem-solving and laboratory skills as they investigate chemical processes, at the same time refining their ability to communicate scientific information. Emphasis will be placed on the importance of chemistry in daily life, and on evaluating the impact of chemical technology on the environment.
AP Chemistry	SCH4UA	University	12	Science	SCH3UA	This is the Gr. 12 AP Chemistry course.
Science	SNC1W1	De-streamed	9	Science		This course enables students to develop their understanding of concepts related to biology, chemistry, physics, and earth and space science, and to relate science to technology, society, and the environment. Throughout the course, students will develop and refine their STEM skills as they use scientific research, scientific experimentation, and engineering design processes to investigate concepts and apply their knowledge in situations that are relevant to their lives and communities. Students will continue to develop transferable skills as they become scientifically literate global citizens.
AP Prep Science	SNC1WA	De-streamed	9	Science		This is an AP Prep course.
Science	SNC1L1	Locally Developed	9	Science		This course emphasizes reinforcing and strengthening science-related knowledge and skills, including scientific inquiry, critical thinking and the relationship between science, society, and the environment, to prepare students for success in everyday life, in the workplace and in the Science Grade 10 Locally Developed course. Students explore a range of topics including science in daily life, properties of common materials, life-sustaining processes in simple and complex organisms, and electrical circuits. This credit course may be counted towards the compulsory science credits.

Science	SNC2D1	Academic	10	Science	SNC1W1 SNC1WA	This course enables students to develop a deeper understanding of concepts in biology, chemistry, earth and space science, and physics; to develop further their skills in scientific inquiry; and to understand the interrelationships among science, technology, and the environment. Students will conduct investigations and understand scientific theories related to: ecology and the maintenance of ecosystems; chemical reactions, with particular attention to acid-base reactions; factors that influence weather systems; and motion.
AP Prep Science	SNC2DA	Academic	10	Science	SNC1WA	This is an AP Prep course.
Science	SNC2L1	Locally Developed	10	Science	SNC1L1	This course emphasizes reinforcing and strengthening science-related knowledge and skills, including scientific inquiry, critical thinking, and the environmental impact of science and technology, to prepare students for success in everyday life, in the workplace, and in the Grade 11 Science Workplace Preparation course. Students explore a range of topics, including science in media, interactions of common materials, interdependence of organisms in communities, and using electrical energy.
Science	SNC2P1	Applied	10	Science	SNC1W1	This course enables students to develop a deeper understanding of concepts in biology, chemistry, earth and space science, and physics; to develop further their practical skills in scientific investigation; and to apply their knowledge of science to real-world situations. Students will design and conduct investigations into everyday problems and issues related to ecological sustainability, chemical reactions, weather systems, and motion.
Physics	SPH3U1	University	11	Science	SNC2D1 SNC2DA	This course develops students' understanding of the basic concepts of physics. Students will study the laws of dynamics and explore different kinds of forces, the quantification and forms of energy (mechanical, sound, light, thermal, and electrical), and the way energy is transformed and transmitted. They will develop scientific-inquiry skills as they verify accepted laws and solve both assigned problems and those emerging from their investigations. Students will also analyse the interrelationships between physics and technology, and consider the impact of technological applications of physics on society and the environment.
AP Prep Physics	SPH3UA	University	11	Science	SNC2DA	This is an AP Prep Science course in Physics.
Physics	SPH4C1	College	12	Science	SNC2P1 SNC2D1	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.
Physics	SPH4U1	University	12	Science	SPH3U1 SPH3UA	This course enables students to deepen their understanding of the concepts and theories of physics. Students will explore further the laws of dynamics and energy transformations, and will investigate electrical, gravitational, and magnetic fields; electromagnetic radiation; and the interface between energy and matter. They will further develop inquiry skills, learning, for example, how the interpretation of experimental data can provide indirect evidence to support the development of a scientific model. Students will also consider the impact on society and the environment of technological applications of physics.
AP Physics	SPH4UA	University	12	Science	SPH3UA	This is the AP Gr 12 Physics course.
Technology and Skilled Trades	TAS10	Open	9	Technological Education		This hands-on course enables students to further explore the engineering design process and develop other technological knowledge and skills introduced in earlier grades. Students will design and safely create prototypes, products, and/or services, working with tools and technologies from various industries. As students develop their projects to address real-life problems, they will apply technological concepts such as precision measurement, as well as health and safety standards. Students will begin to explore job skills programs and education and training pathways, including skilled trades, that can lead to a variety of careers.
Construction Technology	TCJ2O1	Open	10	Technological Education		This course requires students to design, build, and evaluate projects using design instruments and machine and hand tools. Students will solve technological problems through a variety of media; identify and describe building materials and other resources needed to construct, maintain, and service buildings; identify support systems and components; apply safety rules related to materials, processes, and equipment; identify common architectural styles; and identify careers related to construction technology.

Construction Technology	TCJ3C1	College	11	Technological Education		This course focuses on residential and light construction systems related to commercial, industrial, and/or recreational construction. Students will learn about the tools, materials, equipment, and methods used in the light construction industry; structural analysis and design; presentation and working drawings; and auxiliary systems. They will also estimate materials and labour costs; study industry standards and building codes; consider health and safety issues and energy conservation; and explore careers and the impact of construction technology on society and the environment.
Construction Technology	TCJ4C1	College	12	Technological Education	TCJ3C1	This course focuses on advanced residential construction, more complex construction systems, and the introduction of heavy construction related to commercial, industrial, and/or recreational construction. Students will learn about the tools, materials, equipment, and methods used in the light and heavy construction industries; structural analysis and design; presentation and working drawings; and auxiliary systems. They will also estimate materials and labour costs; study industry standards and building codes; consider health and safety issues; and explore energy conservation, careers, and the impact of construction technology on society and the environment.
Construction and Home Maintenance	TCY3C1	College	11	Technological Education		This course integrates project-based learning to foster a deep understanding of home maintenance manuals and schematics, along with the significance of building codes and eco-friendly practices in maintaining homes. By highlighting the roles of professionals in the home maintenance and repair sector, the course aims to inspire students and broaden their awareness of career opportunities in this field, promoting a more inclusive and diverse workforce. Join us to empower yourself with essential home maintenance skills and pave the way for a sustainable, self-sufficient future.
Technological Design	TDJ2O1	College	10	Technological Education		This course provides students with opportunities to apply a design process to meet a variety of technological challenges. Students will research projects, create designs, build models and/or prototypes, and assess products and/or processes using appropriate tools, techniques, and strategies. Student projects may include designs for homes, vehicles, bridges, robotic arms, clothing, or other products. Students will develop an awareness of environmental and societal issues related to technological design and learn about secondary and postsecondary education and training leading to careers in the field. Focus will support robotics and Robo program.
Technological Design	TDJ3M1	University College	11	Technological Education		This course examines how technological design is influenced by human, environmental, financial, and material requirements and resources. Students will research, design, build, and assess solutions that meet specific human needs, using working drawings and other communication methods to present their design ideas. They will develop an awareness of environmental, societal, and cultural issues related to technological design, and will explore career opportunities in the field, as well as the college and/or university program requirements for them.
Technological Design	TDJ4M1	University College	12	Technological Education	TDJ3M1	This course introduces students to the fundamentals of design advocacy and marketing, while building on their design skills and their knowledge of professional design practices. Students will apply a systematic design process to research, design, build, and assess solutions that meet specific human needs, using illustrations, presentation drawings, and other communication methods to present their designs. Students will enhance their problem-solving and communication skills and will explore career opportunities and the postsecondary education and training requirements for them.
Computer Technology	TEJ2O1	Open	10	Technological Education		This course introduces students to computer systems, networking, and interfacing, as well as electronics and robotics. Students will assemble, repair, and configure computers with various types of operating systems and application software. Students will build small electronic circuits and write computer programs to control simple peripheral devices or robots. Students will also develop an awareness of environmental and societal issues related to the use of computers, and learn about secondary and postsecondary pathways to careers in computer technology.
Computer Engineering Tech	TEJ3M1	University College	11	Technological Education		This course examines computer systems and control of external devices. Students will assemble computers and small networks by installing and configuring appropriate hardware and software. Students will develop knowledge and skills in electronics, robotics, programming, and networks, and will build systems that use computer programs and interfaces to control and/or respond to external devices. Students will develop an awareness of environmental and societal issues related to the use of computers, and will learn about college and university programs leading to careers in computer engineering.

Computer Engineering Tech	TEJ4M1	University College	12	Technological Education	TEJ3M1	This course extends students' understanding of computer systems and computer interfacing with external devices. Students will assemble computer systems by installing and configuring appropriate hardware and software, and will learn more about fundamental concepts of electronics, robotics, programming, and networks. Students will examine environmental and societal issues related to the use of computers, and explore postsecondary pathways leading to careers in computer engineering and related fields.
Hospitality and Tourism	TFJ1O1	Open	9	Technological Education		Exploring Hospitality and Tourism / Hairstyling & Aesthetics: This exploratory course introduces students to concepts and skills related to hospitality and tourism, and to hairstyling and aesthetics. The hospitality and foods component focuses on the areas of food handling, food preparation, and the origins of foods, event planning, and local tourism. The hairstyling and aesthetics component focuses on concepts and skills related to hairstyling and aesthetics, including hair, nail, and skin care applications. Students will develop an awareness of related environmental and societal issues and will begin to explore secondary and postsecondary pathways leading to careers in these fields.
Hospitality and Tourism	TFJ2O1	Open	10	Technological Education		This course provides students with opportunities to explore different areas of hospitality and tourism, as reflected in the various sectors of the tourism industry, with an emphasis on food service. Students will study culinary techniques of food handling and preparation, health and safety standards, the use of tools and equipment, the origins of foods, and event planning, and will learn about tourism attractions across Ontario. Students will develop an awareness of related environmental and societal issues and will explore secondary and postsecondary pathways leading to careers in the tourism industry.
Hospitality And Tourism	TFJ3C1	College	11	Technological Education		This course helps students understand the features, trends, and guidelines of the hospitality industry, as well as learn the basic requirements of serving customers. Students will acquire skills related to preparing and presenting food, evaluating facilities, controlling inventory, and marketing special events. They will also learn about economic and environmental impacts, health and safety standards, and career opportunities related to the hospitality industry.
Hospitality and Tourism	TFJ4C1	College	12	Technological Education	TFJ3C	This course enables students to further develop knowledge and skills related to the various sectors of the tourism industry. Students will demonstrate advanced food preparation and presentation skills; increase health and wellness knowledge; develop tourism administration and management skills; design and implement a variety of events or activities; and investigate principles and procedures that contribute to high-quality customer service. Students will expand their awareness of health and safety issues, environmental and societal issues, and career opportunities in the tourism industry.
Yearbook-Communications Tech	TGG4MY	University College	12	Technological Education	TGG3MY	This course examines communications technology from a media perspective. Students will develop knowledge and skills as they design and produce media projects, especially the annual yearbook, in the areas of live, recorded, and graphic communications. These areas may include TV & video, production; radio and audio production; print and graphic communications; photography; digital imaging, broadcast journalism; and interactive new media. Students will also develop an awareness of related environmental and societal issues and explore college and university programs and career opportunities in the various communications technology fields.
Communications Technology	TGJ2O1	Open	10	Technological Education		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 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 explore secondary and postsecondary education and training pathways and career opportunities in the various communications technology fields.
Communications Technology	TGJ3M1	University College	11	Technological Education		This course examines communications technology from a media perspective. Students will develop knowledge and skills as they design and produce media projects in the areas of live, recorded, and graphic communications. These areas may include TV, video, and movie production; radio and audio production; print and graphic communications; photography; digital imaging; broadcast journalism; and interactive new media. Students will also develop an awareness of related environmental and societal issues and explore college and university programs and career opportunities in the various communications technology fields.

Communications Technology	TGJ4M1	University College	12	Technological Education	TGJ3M1	This course enables students to further develop media knowledge and skills while designing and producing projects in the areas of live, recorded, and graphic communications. Students may work in the areas of TV, video, and movie production; radio and audio production; print and graphic communications; photography; digital imaging; broadcast journalism; and interactive new media. Students will also expand their awareness of environmental and societal issues related to communications technology and will investigate career opportunities and challenges in a rapidly changing technological environment.
Health Care	TPA3C1	College	11	Technological Education		This course focuses on human anatomy, physiology, and basic medical terminology. Students will learn about the relationship between lifestyle and personal health, and conventional and alternative methods of disease prevention and treatment. They will also investigate health care procedures and equipment in nursing, medicine, and dentistry; examine health and safety issues in health care and the environmental and societal impacts of biotechnology; and explore various career opportunities in the health care field.
Hairstyling and Aesthetics	TXJ1O1	Open	9	Technological Education		This exploratory course introduces students to concepts and skills related to hairstyling and aesthetics, including hair, nail, and skin care applications. Students will develop an awareness of related environmental and societal issues and will begin to explore secondary and postsecondary pathways leading to careers in the field.
Hairstyling and Aesthetics	TXJ2O1	Open	10	Technological Education		This course presents hairstyling, make-up, and nail care techniques from a salon/spa perspective. Through a variety of school and community-based activities, students learn fundamental skills in hairstyling, giving manicures and facials and providing hair/scalp analyses, and treatments. Students also consider related environmental and societal issues and explore secondary and postsecondary pathways leading to careers in the field of hairstyling and aesthetics.
Hairstyling and Aesthetics	TXJ3E1	Workplace	11	Technological Education		This course enables students to develop knowledge and skills in cosmetology and offers a variety of applications that will equip students to provide services for a diverse clientele. Students identify trends in the hairstyling and aesthetics industry, learn about related health and safety laws, and expand their communication and interpersonal skills through interactions with peers and clients. Students consider environmental and societal issues related to the industry and acquire a more detailed knowledge of apprenticeships and direct-entry work positions.
Hairstyling and Aesthetics	TXJ4E1	Workplace	12	Technological Education	TXJ3E1	This course enables students to develop increased proficiency in a wide range of hairstyling and aesthetics services. Working in a salon/spa team environment, students strengthen their fundamental cosmetology skills and develop an understanding of common business practices and strategies in the salon/spa industry. Students expand their understanding of environmental and societal issues and their knowledge of postsecondary destinations in the hairstyling and aesthetics industry.

Refer to MyBlueprint for most current course selection. Not all courses run each year.