

Apprenticeship

Course Code	Course Name	Type	Department	Prerequisites	Description
OYAPCD	OYAP CHILD DEV. PRACTITIONER	College	Apprenticeship	ENG4U1,ENG4C1	OYAP CDP is a special School to Career program, which allows secondary school students to begin their post-secondary Child Development Practitioner Apprenticeship while still in Secondary School. Students must also select Coop if they are choosing OYAP CDP. Please see your guidance counsellor, or Mrs. Putica (OYAP instructor), for details. Please add coop to your planner as well.
OYAPEL	OYAP ELECTRICAL	College	Apprenticeship	ENG3U1,ENG3C1	Electrician Concentrated OYAP is specifically designed to help secondary school students make a smooth transition directly into a post-secondary apprenticeship. Please see your guidance counsellor, or Mr. Ferko (OYAP instructor), for details. Please note that there is a \$250.00 registration fee associated with this program.
OYAPYW	OYAP CHILD AND YOUTH WORKER	College	Apprenticeship	ENG4U1,ENG4C1	OYAP CYW is a special School to Career program which allows secondary school students to begin their post-secondary Child and Youth Worker Apprenticeship while still in secondary school. Students must also choose Coop if they are selecting OYAP CYW. Please see your guidance counsellor, or Mrs. Putica (OYAP instructor), for details. Please add coop to your planner as well.

Cooperative Education

Course Code	Course Name	Type	Department	Prerequisites	Description
COOP	Cooperative Education	Open	Cooperative Education		Cooperative Education - This is a 2 credit course. Please complete the Cooperative Education Application available in Student Services and submit it with your other Course Selection materials.

Arts					
Course Code	Course Name	Type	Department	Prerequisites	Description
ADA2O1	Dramatic Arts	Open	Art		This course requires students to actively explore dramatic forms and techniques, using their own ideas and concerns as well as sources selected from a wide range of authors, genres, and cultures. Student learning will include identifying and using the principles of space, time, voice, and movement in creating, sustaining, and communicating authentic roles within a drama. Students will assume responsibility for decisions made in the creation and presentation of the drama, and will analyse and reflect on the experience.
ADA3M1	Dramatic Arts	University/College	Art	ADA2O1	This course requires students to experiment with forms and conventions in dramatic literature, and to create/adapt and present dramatic works. Students will do research on dramatic forms, conventions, themes, and theories of acting and directing from different historical periods, and apply their knowledge of these in analysing and interpreting dramatic literature, including Canadian works and works from various cultures in the late twentieth century. Students will also examine the significance of dramatic arts in various cultures.
ADA4M1	Dramatic Arts	University/College	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 texts 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. Pre-requisite: ADA3M1
AMG2O1	Guitar Music	Open	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.
AMG3M1	Guitar Music	University/College	Art	AMG2O1	This course emphasizes the appreciation, analysis, and performance of music from the romantic period and the twentieth century, including art music, jazz, popular music, and Canadian and non-Western music. Students will concentrate on developing interpretive skills and the ability to work independently. They will also complete complex creative projects. The focus of this course will be on the guitar.
AMG4M1	Guitar Music	University/College	Art	AMG2O1	This course emphasizes the appreciation, analysis, and performance of music from the romantic period and the twentieth century, including art music, jazz, popular music, and Canadian and non-Western music. Students will concentrate on developing interpretive skills and the ability to work independently. They will also complete complex creative projects. The focus of this course will be on the guitar.
AMU1O1	Music	Open	Art		This course emphasizes the performance of music at a level that strikes a balance between challenge and skill and is aimed at developing technique, sensitivity, and imagination. Students will participate in creative activities that teach them to listen with understanding. They will also learn correct musical terminology and its appropriate use.

Arts					
Course Code	Course Name	Type	Department	Prerequisites	Description
AMU1O2	Music (advanced)	Open	Art	Gr. 8 Elementary School Music Program	Prerequisite: Gr. 8 Elementary School Music Program This course emphasizes the performance of music at a level that strikes a balance between challenge and skill and is aimed at developing technique, sensitivity, and imagination. Students will participate in creative activities that teach them to listen with understanding. They will also learn correct musical terminology and its appropriate use.
AMU2O1	Music	Open	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.
AMU3M1	Music	University/College	Art	AMU1O1,AMU1O2, AMU2O1	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 analyze 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.
AMU4M1	Music	University/College	Art	AMU3M1	This course emphasizes the appreciation, analysis, and performance of music from the romantic period and the twentieth century, including art music, jazz, popular music, and Canadian and non-Western music. Students will concentrate on developing interpretive skills and the ability to work independently. They will also complete complex creative projects.
AMV2O1	Music - Vocal/Choral	Open	Art		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.
AMV3M1	Music - Vocal/Choral	University/College	Art	AMV2O1	This course develops students' artistic knowledge and skills through the performance of music and 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 students will sing a wide variety of unison and three part vocal repertoire.
AMV4M1	Music - Vocal/Choral	University/College	Art	AMV3M1	This course emphasizes the appreciation, analysis, and performance of music from the romantic period and the twentieth century, including art music, jazz, popular music, and Canadian and non-Western music. Students will concentrate on developing interpretive skills and the ability to work independently. They will also complete complex creative projects, including an independent study. Students will continue on with their voice studies from Grade 11.
ASM2O1	Media Arts	Open	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.

Arts					
Course Code	Course Name	Type	Department	Prerequisites	Description
ASM3M1	Media Arts	University/College	Art	ASM2O1	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.
ASM4M1	Media Arts	University/College	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 postsecondary education applications. Students will critically analyse the role of media artists in shaping audience perceptions of identity, culture.
AVI1O1	Visual Art - Comprehensive	Open	Art		This course offers 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 through working with a range of materials, processes, techniques, and styles. They will learn and use methods of analysis and criticism and will study the characteristics of particular historical art periods and a selection of Canadian art and the art of other cultures.
AVI2O1	Visual Art - Comprehensive	Open	Art		This course emphasizes learning through practice; building on what students know; and introducing them to new ideas, materials, and processes for artistic thinking and experimentation. Student learning will include the refined application of the elements and principles of design, incorporating the creative and design processes, and the relationship between form and content. Students will also learn about the connections between works of art and their historical contexts. Course objectives may be achieved either through a comprehensive program or through a program focused on a particular art form (e.g., drawing, painting).
AVI3M1	Visual Art - Comprehensive	University/College	Art	AVI1O1,AVI2O1	This course provides students with opportunities to further develop their skills and knowledge in visual arts. Students will explore a range of subject matter through studio activities, and will consolidate their practical skills. Students will also analyse art works and study aspects of Western art history, as well as art forms from Canada and other parts of the world.
AVI4M1	Visual Art - Comprehensive	University/College	Art	AVI3M1	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.
AWQ3M1	Visual Arts - Photography	University/College	Art	AVI1O,AVI2O	Course Outline: 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. Prerequisite: Visual Arts, 9 or 10 Open
AWQ4M1	Visual Arts - Photography	University/College	Art	AWQ3M1	Photography: 12 - University/College Preparation (AWQ4M1)Instruction will include the use of the digital camera and image manipulation software (Photoshop) where students will blend shooting and manipulation techniques to produce stylized and multi-image works. 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. There is a course fee.

Business Studies

Course Code	Course Name	Type	Department	Prerequisites	Description
BAF3M1	Financial Accounting Fundamentals	University/College	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.
BAT4M1	Financial Accounting Principles	University/College	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.
BBB4M1	International Business	University/College	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.
BBI2O1	Introduction to Business	Open	Business Studies		This course introduces students to the world of business. Students will develop an understanding of the functions of business, including accounting, marketing, information technology, human resources, and production, and of the importance of ethics and social responsibility. This course builds a foundation for further studies in business and helps students develop the business knowledge and skills they will need in their everyday lives. Students who take BBI10 are not allowed to take BBI20 Introduction to Business.
BDI3C1	Entrepreneurship: The Venture	College	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.
BMI3C1	Marketing	College	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.
BOH4M1	Business Leadership	University/College	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.

Business Studies

Course Code	Course Name	Type	Department	Prerequisites	Description
BTA3O1	Information Communication Technology	Open	Business Studies		Information and Communication Technology: The Digital Environment: 11 - Open (BTA3O1) This course prepares students for the digital environment. Using a hands-on approach, students will further develop information and communication technology skills through the use of common business software applications. The concept and operation of e-business will be explored, and students will design and create an e-business website. The skills developed in this course will prepare students for success in the workplace and/or postsecondary studies. Prerequisite: None
BTT1O1	Information Communication Technology	Open	Business Studies		This course introduces students to information and communication technology in a business environment and builds a foundation of digital literacy skills necessary for success in a technologically driven society. Students will develop word processing, spreadsheet, database, desktop publishing, presentation software, and website design skills. Throughout the course, there is an emphasis on digital literacy, effective electronic research and communication skills, and current issues related to the impact of information and communication technology. Students who take BTT10 are not allowed to take BTT20.
CIA4U1	Analysing Current Economic Issues	University	Business Studies	CHA3U1,CHA3UA, CHW3M1,CIE3M1, CLU3M1,ENG3U1, ENG3UA,HRT3M1, HRT3MF,HSP3U1, HZB3M1	This course examines current national and global economic trends and policies from diverse perspectives. Students will explore the impact of choices that individuals and institutions, including governments, make in responding to local, national, and global economic issues such as globalization and global economic inequalities, trade agreements, national debt, taxation, social spending, and consumer debt. Students will apply the concepts of economic thinking and the economic inquiry process, including economic models, to investigate, and develop informed opinions about, current economic issues and to help them make reasoned economic decisions. Prerequisite: Any university or university/college preparation course in Canadian and world studies, English, or social sciences and humanities.
CIE3M1	The Individual and the Economy	University/College	Business Studies	CHC2D1,CHC2DA, CHC2DF,CHC2P1	This course explores issues and challenges facing the Canadian economy as well as the implications of various responses to them. Students will explore the economic role of firms, workers, and government as well as their own role as individual consumers and contributors, and how all of these roles contribute to stability and change in the Canadian economy. Students will apply the concepts of economic thinking and the economic inquiry process, including economic models, to investigate the impact of economic issues and decisions at the individual, regional, and national level.
IDC4UM	Sports and Entertainment Marketing	University	Business Studies	ENG3U1	This course explores the important role that sports and entertainment play in our modern economy. Students will acquire knowledge in the area of ethics, consumer behaviour, consumer research, product development, pricing strategies, advertising, sports media, public relations, publicity, event marketing, endorsement, promotional licensing, sponsorship, product distribution, stadium design, risk management, legal issues and career opportunities in Sports and Entertainment Marketing. Prerequisite-any grade 11 or 12u or c preparation course in Canadian or Business Studies. Prerequisite: ENG3U is strongly recommended.

Canadian and World Studies

Course Code	Course Name	Type	Department	Prerequisites	Description
CGC1D1	Issues in Canadian Geography	Academic	Canadian and World Studies		This course examines interrelationships within and between Canada's natural and human systems and how these systems interconnect with those in other parts of the world. Students will explore environmental, economic, and social geographic issues relating to topics such as transportation options, energy choices, and urban development. Students will apply the concepts of geographic thinking and the geographic inquiry process, including spatial technologies, to investigate various geographic issues and to develop possible approaches for making Canada a more sustainable place to live. Prerequisite: None
CGC1DA	Issues in Canadian Geography	Pre-AP	Canadian and World Studies	Pre-AP application must be submitted to the Vice Principal	This course examines interrelationships within and between Canada's natural and human systems and how these systems interconnect with those in other parts of the world. Students will explore environmental, economic, and social geographic issues relating to topics such as transportation options, energy choices, and urban development. Students will apply the concepts of geographic thinking and the geographic inquiry process, including spatial technologies, to investigate various geographic issues and to develop possible approaches for making Canada a more sustainable place to live.
CGC1DF	Issues in Canadian Geography (Extended French)	Academic	Canadian and World Studies		La Géographie du Canada (French) This course examines interrelationships within and between Canada's natural and human systems and how these systems interconnect with those in other parts of the world. Students will explore environmental, economic, and social geographic issues relating to topics such as transportation options, energy choices, and urban development. Students will apply the concepts of geographic thinking and the geographic inquiry process, including spatial technologies, to investigate various geographic issues and to develop possible approaches for making Canada a more sustainable place to live. Prerequisite: None
CGC1P1	Issues in Canadian Geography	Applied	Canadian and World Studies		This course examines interrelationships within and between Canada's natural and human systems and how these systems interconnect with those in other parts of the world. Students will explore environmental, economic, and social geographic issues relating to topics such as transportation options, energy choices, and urban development. Students will apply the concepts of geographic thinking and the geographic inquiry process, including spatial technologies, to investigate various geographic issues and to develop possible approaches for making Canada a more sustainable place to live. Prerequisite: None
CGF3M1	Physical Geography: Patterns, Processes, and Interactions	University/College	Canadian and World Studies	CGC1D1,CGC1DF, CGC1P1	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.
CHA3U1	American History	University	Canadian and World Studies	CHC2D1,CHC2DA, CHC2DF	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 and World Studies

Course Code	Course Name	Type	Department	Prerequisites	Description
CHA3UA	American History	University	Canadian and World Studies	CHC2DA,ENG2DA	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. This is a pre-AP course.
CHC2D1	Canadian History Since WWI	Academic	Canadian and World Studies		This course explores social, economic, and political developments and events and their impact on the lives of different groups in Canada since 1914. Students will examine the role of conflict and cooperation in Canadian society, Canada's evolving role within the global community, and the impact of various individuals, organizations, and events on Canadian identity, citizenship, and heritage. They will develop their ability to apply the concepts of historical thinking and the historical inquiry process, including the interpretation and analysis of evidence, when investigating key issues and events in Canadian history since 1914. Prerequisite: None
CHC2DA	Pre A.P. Canadian History Since WWI	Academic	Canadian and World Studies	ENG1DA, CGC1DA or permission from the Vice Principal	This course explores social, economic, and political developments and events and their impact on the lives of different groups in Canada since 1914. Students will examine the role of conflict and cooperation in Canadian society, Canada's evolving role within the global community, and the impact of various individuals, organizations, and events on Canadian identity, citizenship, and heritage. They will develop their ability to apply the concepts of historical thinking and the historical inquiry process, including the interpretation and analysis of evidence, when investigating key issues and events in Canadian history since 1914. Students that do not have the prerequisite for this course must complete a separate application to be considered for entry into this PRE-AP program. Please see a Guidance Counsellor in Student Services.
CHC2DF	Canadian History Since WWI (Extended French)	Academic	Canadian and World Studies	CGC1DF	This Extended French course explores social, economic, and political developments and events and their impact on the lives of different groups in Canada since 1914. Students will examine the role of conflict and cooperation in Canadian society, Canada's evolving role within the global community, and the impact of various individuals, organizations, and events on Canadian identity, citizenship, and heritage. They will develop their ability to apply the concepts of historical thinking and the historical inquiry process, including the interpretation and analysis of evidence, when investigating key issues and events in Canadian history since 1914.
CHC2L1	Locally Developed History	Locally Developed	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 history 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 of Canadian identity, internal and external relationships, and changes since 1914, are explored through guided investigation. Students have the opportunity to extend analytical skills with a focus on identifying and interpreting events and perspectives and making connections. Students practice reading, writing, visual, and oral literacy skills, and mathematical literacy skills to identify and communicate ideas in a variety of forms.
CHC2P1	Canadian History Since WWI	Applied	Canadian and World Studies		This course focuses on the social context of historical developments and events and how they have affected the lives of people in Canada since 1914. Students will explore interactions between various communities in Canada as well as contributions of individuals and groups to Canadian heritage and identity. Students will develop their ability to apply the concepts of historical thinking and the historical inquiry process, including the interpretation and analysis of evidence, when investigating the continuing relevance of historical developments and how they have helped shape communities in present-day Canada. Prerequisite: None

Canadian and World Studies

Course Code	Course Name	Type	Department	Prerequisites	Description
CHV2O5	Civics and Citizenship (0.5 credit)	Open	Canadian and World Studies		This course explores rights and responsibilities associated with being an active citizen in a democratic society. Students will explore issues of civic importance such as healthy schools, community planning, environmental responsibility, and the influence of social media, while developing their understanding of the role of civic engagement and of political processes in the local, national, and/or global community. Students will apply the concepts of political thinking and the political inquiry process to investigate, and express informed opinions about, a range of political issues and developments that are both of significance in today's world and of personal interest to them. Prerequisite: None
CHW3M1	World History to the End of the Fifteenth Century	University/College	Canadian and World Studies	CHC2D1,CHC2DA,CHC2DF,CHC2P1	This course explores the history of various societies around the world, from earliest times to around 1500 CE. Students will examine life in and the legacy of various ancient and pre-modern societies throughout the world, including those in, Africa, Asia, Europe, and the Americas. Students will extend their ability to apply the concepts of historical thinking and the historical inquiry process, including the interpretation and analysis of evidence, when investigating social, political, and economic structures and historical forces at work in various societies and in different historical eras. Prerequisite: Canadian History since World War I, Grade 10, Academic or Applied.
CHY4U1	World History since the Fifteenth Century	University	Canadian and World Studies	CHA3U1,CHA3UA,CHW3M1,CLU3M1,ENG3U1,ENG3UA,HRT3M1,HRT3MF,HSP3U1,HZB3M1,NDA3M1	This course traces major developments and events in world history since approximately 1450. Students will explore social, economic, and political changes, the historical roots of contemporary issues, and the role of conflict and cooperation in global interrelationships. They will extend their ability to apply the concepts of historical thinking and the historical inquiry process, including the interpretation and analysis of evidence, as they investigate key issues and assess societal progress or decline in world history. Prerequisite: Any university or university/college preparation course in Canadian and world studies, English, or social sciences and humanities.
CHY4UA	World History since the Fifteenth Century	University	Canadian and World Studies	CHA3UA,ENG3UA	This is an AP course. 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. Pre-requisite: CHW3MA.
CLN4C1	Canadian and International Law	College	Canadian and World Studies	CHV2O5, Any college or university/college preparation course in Canadian and world studies, English, or social sciences and humanities	This course explores a range of contemporary legal issues and how they are addressed in both Canadian and international law. Students will develop their understanding of the principles of Canadian and international law when exploring rights and freedoms within the context of topics such as religion, security, cyberspace, immigration, crimes against humanity, and environmental protection. Students will apply the concepts of legal thinking and the legal inquiry process when investigating these issues in both Canadian and international contexts, and they will develop legal reasoning skills and an understanding of conflict resolution in the area of international law. Prerequisite: Any college or university/college preparation course in Canadian and world studies, English, or social sciences and humanities.

Canadian and World Studies

Course Code	Course Name	Type	Department	Prerequisites	Description
CLN4U1	Canadian and International Law	University	Canadian and World Studies	CHA3U1,CHA3UA, CHW3M1,CLU3M1, ENG3U1,ENG3UA, HRT3M1,HRT3MF, HSP3U1,HZB3M1	This course explores a range of contemporary legal issues and how they are addressed in both Canadian and international law. Students will develop their understanding of the principles of Canadian and international law when exploring rights and freedoms within the context of topics such as religion, security, cyberspace, immigration, crimes against humanity, and environmental protection. Students will apply the concepts of legal thinking and the legal inquiry process when investigating these issues in both Canadian and international contexts, and they will develop legal reasoning skills and an understanding of conflict resolution in the area of international law. Prerequisite: Any university or university/college preparation course in Canadian and world studies, English, or social sciences and humanities.
CLU3M1	Understanding Canadian Law	University/College	Canadian and World Studies	CHC2D1,CHC2DA, CHC2DF,CHC2P1	This course explores Canadian law, with a focus on legal issues that are relevant to the lives of people in Canada. Students will gain an understanding of rights and freedoms in Canada, our legal system, and family, contract, employment, tort, and criminal law. Students will use case studies and apply the concepts of legal thinking and the legal inquiry process to develop legal reasoning skills and to formulate and communicate informed interpretations of legal issues, and they will develop the ability to advocate for new laws. Prerequisite: Canadian History since World War I, Grade 10, Academic or Applied
CPW4U1	Canadian and World Politics	University	Canadian and World Studies	CHA3U1,CHA3UA, CHW3M1,CLU3M1, ENG3U1,ENG3UA, HRT3M1,HRT3MF, HSP3U1,HZB3M1	This course explores various perspectives on issues in Canadian and world politics. Students will explore political decision-making and ways in which individuals, stakeholder groups, and various institutions, including different levels of government, multinational corporations, and non-governmental organizations, respond to and work to influence domestic and international developments. Students will apply the concepts of political thinking and the political inquiry process to investigate current political policies, issues, and events, and to develop and communicate informed opinions about them. Prerequisite: Any university or university/college preparation course in Canadian and world studies, English, or social sciences and humanities.
NDA3M1	Current Aboriginal Issues in Canada	University/College	Canadian and World Studies	CHC2D,CHC2P1, ENG2P,ENG2D	This course focuses on existing and emerging issues of national and regional importance of concern to Aboriginal peoples in Canada. Students will analyze diverse perspectives from a variety of sources such as media, academic works and public opinion polls on events and developments related to land, community, governance, identity and culture. Using political thinking concepts and the political inquiry process students will explore their own and others' ideas, investigate an issue to determine what needs to change, why and appropriate problem-solving strategies. Prerequisite: Grade 10 First Nations, Métis, and Inuit Peoples in Canada, Open, or Grade 10 Canadian History Since World War I, Academic or Applied.

English

Course Code	Course Name	Type	Department	Prerequisites	Description
ENG1D1	English	Academic	English		This course is designed to develop the oral communication, reading, writing, and media literacy skills that students need for success in their secondary school academic programs and in their daily lives. Students will analyse literary texts from contemporary and historical periods, interpret informational and graphic texts, and create oral, written, and media texts in a variety of forms. An important focus will be on the use of strategies that contribute to effective communication. The course is intended to prepare students for the Grade 10 academic English course, which leads to university or college preparation courses in Grades 11 and 12. 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.
ENG1DA	English	Pre-AP	English	Pre-AP application must be submitted to the Vice Principal	This course is designed to develop the oral communication, reading, writing, and media literacy skills that students need for success in their secondary school academic programs and in their daily lives. Students will analyse literary texts from contemporary and historical periods, interpret informational and graphic texts, and create oral, written, and media texts in a variety of forms. An important focus will be on the use of strategies that contribute to effective communication.
ENG1L1	English	Locally Developed	English		This course provides foundational literacy and communication skills to prepare students for success in their daily lives, in the workplace, and in the English Grade 11 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 in 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.
ENG1P1	English	Applied	English		This course is designed to develop the key oral communication, reading, writing, and media literacy skills students need for success in secondary school and daily life. Students will read, interpret, and create a variety of informational, literary, and graphic texts. An important focus will be on identifying and using appropriate strategies and processes to improve students' comprehension of texts and to help them communicate clearly and effectively. The course is intended to prepare students for the Grade 10 applied English course, which leads to college or workplace preparation courses in Grades 11 and 12. 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.
ENG2D1	English	Academic	English	ENG1D1,ENG1DA, ENG1P1	This course is designed to extend the range of oral communication, reading, writing, and media literacy skills that students need for success in their secondary school academic programs and in their daily lives. Students will analyse literary texts from contemporary and historical periods, interpret and evaluate informational and graphic texts, and create oral, written, and media texts in a variety of forms. An important focus will be on the selective use of strategies that contribute to effective communication. This course is intended to prepare students for the compulsory Grade 11 university or college preparation course. 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.
ENG2DA	English	Pre-AP	English	ENG1DA or permission from the Vice Principal	This is a Pre-AP course. This course is designed to extend the range of oral communication, reading, writing, and media literacy skills that students need for success in their secondary school academic programs and in their daily lives. Students will analyse literary texts from contemporary and historical periods, interpret and evaluate informational and graphic texts, and create oral, written, and media texts in a variety of forms. An important focus will be on the selective use of strategies that contribute to effective communication. This course is intended to prepare students for the compulsory Grade 11 university or college preparation course. 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.

English

Course Code	Course Name	Type	Department	Prerequisites	Description
ENG2L1	English	Locally Developed	English	ENG1L1,ENG1P1	In this course, students focus on extending their literacy and communication skills to prepare for success in their daily lives, in the workplace, and 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 in 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, and reflect regularly upon their growth in these areas. Prerequisite: A Grade 9 English credit.
ENG2P1	English	Applied	English	ENG1D1,ENG1P1	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.
ENG3C1	English	College	English	ENG2D1,ENG2P1	This course emphasizes the development of literacy, communication, and critical and creative thinking skills necessary for success in academic and daily life. Students will study the content, form, and style of a variety of informational and graphic texts, as well as literary texts from Canada and other countries, and create oral, written, and media texts in a variety of forms for practical and academic purposes. An important focus will be on using language with precision and clarity. The course is intended to prepare students for the compulsory Grade 12 college preparation course. Prerequisite: English, Grade 10, Applied or ESL EO
ENG3E1	English	Workplace	English	ENG2L1,ENG2P1	This course emphasizes the development of literacy, communication, and critical and creative thinking skills necessary for success in the workplace and in daily life. Students will study the content, form, and style of a variety of contemporary informational, graphic, and literary texts; and create oral, written, and media texts in a variety of forms for practical purposes. An important focus will be on using language clearly and accurately in a variety of formal and informal contexts. The course is intended to prepare students for the compulsory Grade 12 workplace preparation course. Students who have successfully completed ENG2L may also select this course.
ENG3U1	English	University	English	ENG2D1, ENG2DA	This course emphasizes the development of literacy, communication, and critical and creative thinking skills necessary for success in academic and daily life. Students will analyse challenging literary texts from various periods, countries, and cultures, as well as a range of informational and graphic texts, and create oral, written, and media texts in a variety of forms. An important focus will be on using language with precision and clarity and incorporating stylistic devices appropriately and effectively. The course is intended to prepare students for the compulsory Grade 12 university or college preparation course. Prerequisite: English, Grade 10, Academic or ESL EO

English					
Course Code	Course Name	Type	Department	Prerequisites	Description
ENG3UA	English	University	English	ENG2DA	This is a Pre-AP course. This course emphasizes the development of literacy, communication, and critical and creative thinking skills necessary for success in academic and daily life. Students will analyse challenging literary texts from various periods, countries, and cultures, as well as a range of informational and graphic texts, and create oral, written, and media texts in a variety of forms. An important focus will be on using language with precision and clarity and incorporating stylistic devices appropriately and effectively. The course is intended to prepare students for the compulsory Grade 12 university or college preparation course. Prerequisite: English, Grade 10, Pre AP.
ENG4C1	English	College	English	ENG3C1,ENG3U1	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 who have successfully completed ENG3U may also select this course. Prerequisite: English, Grade 11, College Preparation or ESL EO
ENG4E1	English	Workplace	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 who have successfully completed ENG3C or ENG3U may also select this course.
ENG4U1	English	University	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. Prerequisite: English, Grade 11, University Preparation or ESL EO
ENG4U2	English (Science Fiction)	University	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 with a focus on science fiction. Students will analyse a range of challenging literary texts; interpret and evaluate informational and graphic texts; and create oral, written, and media texts in a variety of forms. An important focus will be on using academic language coherently and confidently, selecting the reading strategies best suited to particular texts and particular purposes for reading, and developing greater control in writing. The course is intended to prepare students for university, college, or the workplace. Prerequisite: English, Grade 11, University Preparation or ESL EO
ENG4UA	English	University	English	ENG3UA	This is an AP 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. Prerequisite: ENG3UA.

English

Course Code	Course Name	Type	Department	Prerequisites	Description
ESLAO1	Beginning Communication in English	Open	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.
ESLBO1	English in Daily Life	Open	English		
ESLCO1	English for School and Work	Open	English		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.
ESLDO1	Study Skills in English	Open	English		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.
ETC3M1	Canadian Literature	University/College	English	ENG2D1, ENG2DA, ENG2P1	This course emphasizes the study and analysis of literary texts by Canadian authors for students with a special interest in Canadian literature. Students will study the themes, forms, and stylistic elements of a variety of literary texts representative of various time periods and of the diverse cultures and regions of Canada, and will respond personally, critically, and creatively to them.
OLC4O1	Ontario Literacy Course	Open	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 manager 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.

Moderns					
Course Code	Course Name	Type	Department	Prerequisites	Description
FEF1DF	Extended French	Academic	Moderns	Grade 5-8 Extended French Program Participant (Or Equivalent)	This course provides opportunities for students to speak and interact in French in a variety of real-life and personally relevant contexts. Students will continue to use language-learning strategies introduced in the elementary Extended French program. They will develop their creative and critical thinking skills, through independently responding to and interacting with a variety of oral and written texts, and will continue to enhance their understanding and appreciation of diverse French-speaking communities. They will also develop the skills necessary to become life-long language learners. Prerequisite: Minimum of 1260 hours of instruction in elementary Extended French, or equivalent
FEF2DF	Extended French	Academic	Moderns	FEF1DF	This course provides extensive opportunities for students to use their communication skills in French and to apply language-learning strategies. Students will respond to and interact with French oral and written texts in a variety of real-life contexts, using their creative and critical thinking skills to explore and evaluate information and ideas in the texts. Students will increase their knowledge of the language through the study of French-Canadian authors. They will also continue to increase their understanding and appreciation of French-speaking communities and to develop the skills necessary to become life-long language learners. Prerequisite: Extended French, Grade 9, Academic
FEF3U1	Extended French	University	Moderns	FEF2DF	This course provides opportunities for students to communicate about concrete and abstract topics in various situations. Students will consolidate language-learning strategies and apply them in a variety of real-life contexts in order to enhance and refine their communication skills, and will continue to develop creative and critical thinking skills. Students will develop their knowledge of the language through the study of contemporary and well-known French European authors. They will also continue to deepen their understanding and appreciation of diverse French-speaking communities, and develop the skills necessary to become life-long language learners. Prerequisite: Extended French, Grade 10, Academic
FEF4U1	Extended French	University	Moderns	FEF3U1	This course further emphasizes the consolidation of communication skills required to interact in French for various purposes about concrete and abstract topics. Students will independently apply language-learning strategies in a variety of real-life and personally relevant contexts, and will broaden their creative and critical thinking skills through responding to and analysing oral and written texts. Students will increase their knowledge of the language through the study of Canadian and international French literature. They will also continue to enrich their understanding and appreciation of diverse French-speaking communities and to develop the skills necessary to become life-long language learners. Prerequisite: Extended French, Grade 11, University
FSF1D1	Core French	Academic	Moderns		This course provides opportunities for students to communicate and interact in French with increasing independence, with a focus on familiar topics related to their daily lives. Students will continue to develop language knowledge and skills by using language-learning strategies introduced in the elementary Core French program, and will apply creative and critical thinking skills in various ways. They will also enhance their understanding and appreciation of diverse French-speaking communities, and will develop the skills necessary to become life-long language learners. Prerequisite: Minimum of 600 hours of elementary Core French instruction, or equivalent
FSF1O1	Core French	Open	Moderns		This is an introductory course for students who have little or no knowledge of French or who have not accumulated the minimum of 600 hours of elementary Core French instruction. Students will begin to understand and speak French in guided and structured interactive settings, and will develop fundamental skills in listening, speaking, reading, and writing through discussing issues and situations that are relevant to their daily lives. Throughout the course, students will develop their awareness of diverse French-speaking communities in Canada and acquire an understanding and appreciation of these communities. They will also develop a variety of skills necessary for lifelong language learning.

Moderns

Course Code	Course Name	Type	Department	Prerequisites	Description
FSF1P1	Core French	Applied	Moderns		This course provides opportunities for students to communicate and interact in French in structured situations on everyday topics and to apply their knowledge of French in everyday situations. Students will continue to develop language knowledge and skills introduced in the elementary Core French program, through practical applications and concrete examples, and will use creative and critical thinking skills in various ways. They will also enhance their understanding and appreciation of diverse French-speaking communities, and will develop the skills necessary to become life-long language learners. Prerequisite: Minimum of 600 hours of elementary Core French instruction, or equivalent
FSF2D1	Core French	Academic	Moderns	FSF1D1,FSF1P1	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. Prerequisite: Core French, Grade 9, Academic or Applied
FSF2O1	Core French	Open	Moderns	FSF1D1, FSF1P1	This course provides opportunities for students to speak French in guided and structured interactive settings. Students will communicate about matters of personal interest and familiar topics through listening, speaking, reading, and writing in real-life situations, using print, oral, visual, and electronic texts. Students will develop a general understanding and appreciation of diverse French-speaking communities, as well as skills necessary for lifelong language learning. Prerequisite: Core French, Grade 9, Open
FSF2P1	Core French	Applied	Moderns	FSF1D,FSF1P	This course provides opportunities for students to communicate in French about everyday matters and topics of personal interest in real-life situations. Students will exchange information, ideas, and opinions with others in structured, guided, and increasingly spontaneous spoken interactions. Students will develop their skills in listening, speaking, reading, and writing through using language learning strategies for understanding texts and communicating clearly. They will also increase their understanding and appreciation of diverse French-speaking communities, and will develop skills necessary for lifelong language learning.
FSF3U1	Core French	University	Moderns	FSF2D1	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. Prerequisite: Core French, Grade 10, Academic
FSF4U1	Core French	University	Moderns	FSF3U1	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. Prerequisite: Core French, Grade 11, University Preparation Core French, Grade 12

Moderns

Course Code	Course Name	Type	Department	Prerequisites	Description
FSF4UA	Core French	University	Moderns	FEF3U1	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. Prerequisite: Extended French Grade 11 University, 80% or higher.
LWSBO1	Spanish	Open	Moderns		This course provides students with the language learning experiences that will enable them to communicate in the language of study. Students will continue to develop and apply their speaking skills in a variety of contexts, and will participate in activities that will improve their reading comprehension and writing skills. They will also continue to explore aspects of the culture of countries where the language under study is spoken by taking part in community-sponsored events and activities involving both print and technological resources. Although students will continue to expand their vocabulary and repertoire of language structures, the language they will use at this level will still be simple.

Guidance and Career Education

Course Code	Course Name	Type	Department	Prerequisites	Description
ELEARN	Elearning		Guidance and Career Education		Please see your guidance counsellor for detailed information regarding e-learning. A separate application is required to register.
GLC205	Career Studies (0.5credit)	Open	Guidance and Career Education		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.
GLE101	Learning Strategies	Open	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.
GLE201	Learning Strategies	Open	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.
GLE301	Advanced Learning Strategies	Open	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.
GLE401	Advanced Learning Strategies	Open	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.
GLS101	Learning Strategies	Open	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.
IDC4UP	Peer Tutoring	University	Guidance and Career Education	Any University or U/C prep. Recommended: 80% or above in a senior-level course in the subject in which the student wishes to tutor - Students can only receive one IDC4U credit.	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 communication. COURSE NOTE: Senior students are trained with the skills, knowledge and attitudes to relate effectively to others as peer tutors in the school. They will develop communication and interpersonal relationship skills, learn teaching strategies and conflict resolution techniques that will assist them in tutoring and personal life

Social Sciences

Course Code	Course Name	Type	Department	Prerequisites	Description
HFA4C1	Nutrition and Health	College	Social Sciences and Humanities	CHA3U1,CHA3UA, CHW3M1,CIE3M1, CLU3M1,ENG3C1, ENG3U1,ENG3UA, ETC3M1,HRT3M1, HRT3MF,HSP3C1, HSP3U1,HZB3M1, NDA3M1	This course focuses on the relationship between nutrition and health at different stages of life and on global issues related to food production. Students will investigate the role of nutrition in health and disease and assess strategies for promoting food security and environmental responsibility. Students will learn about healthy eating, expand their repertoire of food-preparation techniques, and refine their ability to use social science research and inquiry methods to investigate topics related to nutrition and health. Prerequisite: Any university, college, or university/college preparation course in social sciences and humanities, English, or Canadian and world studies.
HFA4U1	Nutrition and Health	University	Social Sciences and Humanities	CHA3U1,CHA3UA, CHW3M1,CIE3M1, CLU3M1,ENG3U1, ENG3UA,ETC3M1, HRT3M1,HRT3MF, HSP3U1,HZB3M1, NDA3M1	This course examines the relationships between food, energy balance, and nutritional status; the nutritional needs of individuals at different stages of life; and the role of nutrition in health and disease. Students will evaluate nutrition-related trends and will determine how food choices can promote food security and environmental responsibility. Students will learn about healthy eating, expand their repertoire of food-preparation techniques, and develop their social science research skills by investigating issues related to nutrition and health. Prerequisite: Any university or university/college preparation course in social sciences and humanities, English, or Canadian and world studies.
HFN1O1	Food and Nutrition	Open	Social Sciences and Humanities		This course focuses on guidelines for making nutritious food choices. Students will investigate factors that influence food choices, including beliefs, attitudes, current trends, traditional eating patterns, food marketing strategies, and individual needs. Students will also explore the environmental impact of a variety of food choices at the local and global level. The course provides students with opportunities to develop food preparation skills and introduces them to the use of social science research methods in the area of food and nutrition. Prerequisite: None.
HHG4M1	Human Development Throughout the Lifespan	University/College	Social Sciences and Humanities	CHA3U1,CHA3UA, CHW3M1,CIE3M1, CLU3M1,ENG3C1, ENG3U1,ENG3UA, HRT3M1,HSP3C1, HSP3U1,HZB3M1, NDA3M1	This course offers a multidisciplinary approach to the study of human development throughout the lifespan. Students will learn about a range of theoretical perspectives on human development. They will examine threats to healthy development as well as protective factors that promote resilience. Students will learn about physical, cognitive, and social-emotional development from the prenatal period through old age and will develop their research and inquiry skills by investigating issues related to human development. Prerequisite: Any university, college, or university/college preparation course in social sciences and humanities, English, or Canadian and world studies.
HPC3O1	Raising Healthy Children	Open	Social Sciences and Humanities		This course focuses on the skills and knowledge parents, guardians, and caregivers need, with particular emphasis on maternal health, pregnancy, birth, and the early years of human development (birth to six years old). Through study and practical experience, students will learn how to meet the developmental needs of young children, communicate with them, and effectively guide their early behaviour. Students will develop their research skills through investigations related to caregiving and child rearing. Prerequisite: None.

Social Sciences

Course Code	Course Name	Type	Department	Prerequisites	Description
HSB4U1	Challenge and Change in Society	University	Social Sciences and Humanities	CHA3U1,CHA3UA,CHW3M1,CIE3M1,CLU3M1,ENG3U1,ENG3UA,ETC3M1,HRT3M1,HRT3MF,HSP3U1,HZB3M1,NDA3M1	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.
HSE4M1	Equity, Diversity, and Social Justice	Univeristy/College	Social Sciences and Humanities	ENG3U1,ENG3UA,HRT3M1,HRT3MF,HSP3U1,HZB3M1	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. Students will learn about historical and contemporary equity and social justice issues in Canada and globally. They will explore power relations and the impact of a variety of factors on equity and social justice. Students will develop and apply research skills and will design and implement a social action initiative relating to an equity or social justice issue. Prerequisite: Any university, college, or university/college preparation course in social sciences and humanities, English, or Canadian and world studies.
HSP3C1	Introduction to Anthropology, Psychology	College	Social Sciences and Humanities		This course introduces students to theories, questions, and issues related to anthropology, psychology, and sociology. Students learn about approaches and research methods used by social scientists. They will be given opportunities to apply theories from a variety of perspectives, to conduct social science research, and to become familiar with current issues within the three disciplines. Prerequisite: None.
HSP3U1	Introduction to Anthropology, Psychology	University	Social Sciences and Humanities	CHC2D1, CHC2DA, CHC2DF, 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. Prerequisite: The Grade 10 academic course in English or the Grade 10 academic history course (Canadian and world studies).
HZB3M1	Philosophy: The Big Questions	University/College	Social Sciences and Humanities		This course encourages exploration of philosophy's big questions, such as: What is a meaningful life? What separates right from wrong? What constitutes knowledge? What makes something beautiful? What is a just society? Students will develop critical thinking and philosophical reasoning skills as they identify and analyse the responses of philosophers to the big questions and formulate their own responses to them. Students will explore the relevance of philosophical questions to society and to their everyday life. They will develop research and inquiry skills as they investigate various topics in philosophy.
HZT4U1	Questions and Theories	University	Social Sciences and Humanities	CHA3U1,CHA3UA,CHW3M1,CIE3M1,CLU3M1,ENG3U1,ENG3UA,ETC3M1,HRT3M1,HRT3MF,HSP3U1,HZB3M1	This course enables students to acquire an understanding of the nature of philosophy and philosophical reasoning skills and to develop and apply their knowledge and skills while exploring specialized branches of philosophy (the course will cover at least three of the following branches: metaphysics, ethics, epistemology, philosophy of science, social and political philosophy, aesthetics). Students will develop critical thinking and philosophical reasoning skills as they formulate and evaluate arguments related to a variety of philosophical questions and theories. They will also develop research and inquiry skills related to the study and practice of philosophy. Prerequisite: Any university or university/college preparation course in social sciences and humanities, English, or Canadian and world studies.

Religion					
Course Code	Course Name	Type	Department	Prerequisites	Description
HRE1O1	Religious Education	Open	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.
HRE2O1	Religious Education	Open	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 and 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.
HRE4M1	Religious Education	University/College	Religion		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.
HRE4O1	Religious Education	Open	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.
HRF3O1	World Religions and Belief Traditions in Daily Life	Open	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. Prerequisite:
HRT3M1	World Religions and Belief Traditions	University/College	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. Prerequisite: None.
HRT3MF	World Religions and Belief Traditions	University/College	Religion	CHC2DF	This course enables students to discover what others believe and how they live, and to appreciate their own unique heritage. Students will learn about the teachings and traditions of a variety of religions, the connections between religion and the development of civilizations, the place and function of religion in human experience, and the influence of a broad range of religions on contemporary society. This course also introduces students to skills used in researching and investigating world religions.

Mathematics

Course Code	Course Name	Type	Department	Prerequisites	Description
MAP4C1	Foundations for College Math	College	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.
MAT1L1	Mathematics	Locally Developed	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.
MAT2L1	Mathematics	Locally Developed	Mathematics	MAT1L1,MFM1P1, MPM1D1	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. Prerequisite: A Grade 9 Mathematics credit
MBF3C1	Foundations for College Math	College	Mathematics	MFM2P1,MPM2D1	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.
MCF3M1	Functions and Applications	University/College	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.
MCR3U1	Functions	University	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.
MCR3UA	Functions	University	Mathematics	MPM2DA	This is a Pre AP course. 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. Prerequisite: Grade 10 Pre AP.

Mathematics

Course Code	Course Name	Type	Department	Prerequisites	Description
MCT4C1	Mathematics for College Technology	College	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.
MCV4U1	Calculus and Vectors	University	Mathematics	MHF4U1,MHF4UA	This course builds on students' previous experience with functions and their developing understanding of rates of change. Students will solve problems involving geometric and algebraic representations of vectors, and representations of lines and planes in three-dimensional space; broaden their understanding of rates of change to include the derivatives of polynomial, rational, exponential, and sinusoidal functions; and apply these concepts and skills to the modelling of real-world relationships. Students will also refine their use of the mathematical processes necessary for success in senior mathematics. This course is intended for students who plan to study mathematics in university and who may choose to pursue careers in fields such as physics and engineering. Note: The new Advanced Functions can be taken concurrently with or can precede Calculus and Vectors. Individual universities have their own prerequisites...some programs such as economics, science, computer science, geography, ps
MCV4UA	Calculus and Vectors	University	Mathematics	MHF4UA	This is an Advanced Placement Course. This course builds on students' previous experience with functions and rates of change. Students will broaden their understanding of rates of change to include the derivatives of polynomial, sinusoidal, exponential, rational, and radical functions; and apply these concepts and skills to the modelling of real-world relationships; solve problems involving geometric and algebraic representations of vectors and representations of lines and planes in three dimensional space; Students will also refine their use of the mathematical processes necessary for success in mathematics. This course will cover additional content to prepare students to write the Calculus AB exam. Prerequisite: MHF4UA
MDM4U1	Data Management	University	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.
MEL3E1	Mathematics for Everyday Life	Workplace	Mathematics	MAT2L1,MFM1P1, MPM1D1	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.
MEL4E1	Mathematics for Everyday Life	Workplace	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.

Mathematics

Course Code	Course Name	Type	Department	Prerequisites	Description
MF1P1	Foundations of Mathematics	Applied	Mathematics		This course enables students to develop understanding of mathematical concepts related to introductory algebra, proportional reasoning, and measurement and geometry through investigation, the effective use of technology, and hands-on activities. Students will investigate real-life examples to develop various representations of linear relationships, and will determine the connections between the representations. They will also explore certain relationships that emerge from the measurement of three-dimensional objects and two-dimensional shapes. Students will consolidate their mathematical skills as they solve problems and communicate their thinking. They will also explore certain relationships that emerge from the measurement of three-dimensional objects and two-dimensional shapes. Students will consolidate their mathematical skills as they solve problems and communicate their thinking. Successful completion of this course prepares students for Foundations of Mathematics, Grade 10, App
MF2P1	Foundations of Mathematics	Applied	Mathematics	MF1P1,MPM1D1	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.
MHF4U1	Advanced Functions	University	Mathematics	MCR3U1,MCR3UA, MCT4C1	This course extends students' experience with functions. Students will investigate the properties of polynomial, rational, logarithmic, and trigonometric functions; broaden their understanding of rates of change; and develop facility in applying these concepts and skills. Students will also refine their use of the mathematical processes necessary for success in senior mathematics. This course is intended both for students who plan to study mathematics in university and for those wishing to consolidate their understanding of mathematics before proceeding to any one of a variety of university programs. Individual universities have their own prerequisites...some programs such as economics, science, computer science, geography, psychology, etc. may require Advanced Functions.Prerequisite: Functions, Grade 11, University Preparation, or Mathematics for College Technology, Grade 12, College Preparation
MHF4UA	Advanced Functions	University	Mathematics	MCR3UA	This is an AP Course. This course extends students' experience with functions. Students will investigate the properties of polynomial, rational, logarithmic, and trigonometric functions; broaden their understanding of rates of change; and develop facility in applying these concepts and skills. Students will also refine their use of the mathematical processes necessary for success in senior mathematics. This course is intended both for students who plan to study mathematics in university and for those wishing to consolidate their understanding of mathematics before proceeding to any one of a variety of university programs. Individual universities have their own prerequisites...some programs such as economics, science, computer science, geography, psychology, etc. may require Advanced Functions. This course will prepare students for MCV4UA as one of its components is an introduction to Calculus.
MPM1D1	Principles of Mathematics	Academic	Mathematics		This course enables students to develop understanding of mathematical concepts related to algebra, analytic geometry, and measurement and geometry through investigation, the effective use of technology, and abstract reasoning. Students will investigate relationships, which they will then generalize as equations of lines, and will determine the connections between different representations of a relationship. They will also explore relationships that emerge from the measurement of three-dimensional objects and two-dimensional shapes. Students will reason mathematically and communicate their thinking as they solve multistep problems. Successful completion of this course prepares students for Principles of Mathematics, Grade 10, Academic (MPM2D) or Foundations of Mathematics, Grade 10, Applied (MF2P). Learning through abstract reasoning is an important aspect of this course.

Mathematics

Course Code	Course Name	Type	Department	Prerequisites	Description
MPM1DA	Principles of Mathematics	Pre-AP	Mathematics	Pre-AP application must be submitted to the Vice Principal	This course enables students to develop understanding of mathematical concepts related to algebra, analytic geometry, and measurement and geometry through investigation, the effective use of technology, and abstract reasoning. Students will investigate relationships, which they will then generalize as equations of lines, and will determine the connections between different representations of a relationship. They will also explore relationships that emerge from the measurement of three-dimensional objects and two-dimensional shapes. Students will reason mathematically and communicate their thinking as they solve multistep problems.
MPM2D1	Principles of Mathematics	Academic	Mathematics	MPM1D1,MPM1DA	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.
MPM2DA	Pre A.P. Mathematics	Academic	Mathematics	MPM1DA or permission from the Vice Principal	This is a Pre-AP course. 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.

Physical Education

Course Code	Course Name	Type	Department	Prerequisites	Description
PAD3O1	Outdoor Activities	Open	Physical Education		<p>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. This course will focus on an introduction to outdoor education activities that promote the development of knowledge, skills, perspectives, and practices needed to be environmentally responsible such that the student will observe, explore, and appreciate nature as they discover the benefits of being active outdoors. Students will participate in activities such as short term hiking/camping/canoeing, quinzee building, etc. Students registered in this course will have an opportunity to participate in enhanced programming. The offering of these enhanced programs would require students to make payments to cover the cost of these activities. Please note that participation in these activities is not required and will not negatively impact the student's level of academic achievement.</p>
PAD4O1	Outdoor Activities	Open	Physical Education		<p>This course enables students to further develop the knowledge and skills they need to make healthy choices. It places special emphasis on how students can maintain the habits of healthy, active living throughout their lives as they make the transition to adulthood and independent living. Through participation in a wide range of physical activities in a variety of settings, students can 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. This course will focus on an advanced experience in outdoor education activities that further promote the development of knowledge, skills, perspectives, and expanded practices needed to be environmentally responsible. Students registered in this course will have an opportunity to participate in enhanced programming. The offering of these enhanced programs would require students to make payments to cover the cost of these activities. Please note that participation in these activities is not required and will not negatively impact the student's level of academic achievement.</p>
PAF3OM	Personal and Fitness Activities	Open	Physical Education		<p>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. This course will focus on an introduction to a variety of personal and fitness activities involving resistance, strength and endurance training, such as weightlifting, training program development, exercise bands, pilates, tabata, etc.</p>

Physical Education

Course Code	Course Name	Type	Department	Prerequisites	Description
PAF3OF	Personal and Fitness Activities	Open	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. This course will focus on an introduction to a variety of personal and fitness activities involving resistance, strength and endurance training, such as weightlifting, training program development, exercise bands, pilates, tabata, etc.
PAF4OM	Personal and Fitness Activities	Open	Physical Education		This course enables students to further develop the knowledge and skills they need to make healthy choices. It places special emphasis on how students can maintain the habits of healthy, active living throughout their lives as they make the transition to adulthood and independent living. Through participation in a wide range of physical activities in a variety of settings, students can 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. This course will focus on an advanced variety of personal and fitness activities involving resistance, strength and endurance training, such as weightlifting, training program development, exercise bands, pilat
PAF4OF	Female Weight Training	Open	Physical Education		This course enables students to further develop the knowledge and skills they need to make healthy choices. It places special emphasis on how students can maintain the habits of healthy, active living throughout their lives as they make the transition to adulthood and independent living. Through participation in a wide range of physical activities in a variety of settings, students can 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. This course will focus on an advanced variety of personal and fitness activities involving resistance, strength and endurance training, such as weightlifting, training program development, exercise bands, pilat
PAI2ON	Individual & Small Group Activities	Open	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, students develop knowledge and skills related to movement competence and personal fitness that provide a foundation for active living. Students also acquire an understanding of the factors and skills that contribute to healthy development and learn how their own well-being is affected by, and affects, the world around them. Students build their sense of self, learn to interact positively with others, and develop their ability to think critically and creatively. This course will focus on an introduction to a variety of individual, dual, and small group net/wall activities, such as badminton, volleyball, table tennis, tennis, tchoukball, sepak takraw, handball, etc.

Physical Education

Course Code	Course Name	Type	Department	Prerequisites	Description
PAI3ON	Individual & Small Group Activities	Open	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. This course will focus on advanced learning experiences with a variety of individual, dual, and small group net/wall activities, such as badminton, volleyball, table tennis, tennis, tchoukball, sepak takraw, handball, etc.
PAL2OI	Large Group Activities	Open	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, students develop knowledge and skills related to movement competence and personal fitness that provide a foundation for active living. Students also acquire an understanding of the factors and skills that contribute to healthy development and learn how their own well-being is affected by, and affects, the world around them. Students build their sense of self, learn to interact positively with others, and develop their ability to think critically and creatively. This course will focus on an introduction to a variety of large group indoor and outdoor territory and invasion activities, such as basketball, football, European Handball, lacrosse, rugby, soccer, floor hockey, tchoukball, etc.
PAL3OI	Large Group Activities	Open	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. This course will focus on advanced learning experiences with a variety of large group indoor and outdoor territory and invasion activities, such as basketball, football, European Handball, lacrosse, rugby, soccer, floor hockey, tchoukball, etc.
PLF4M1	Recreation and Fitness Leadership	University/College	Physical Education	PAD3O1,PAD4O1, PAF3OF,PAF3OM, PAF4OF,PAF4OM, PAI2ON,PAI3ON, PAL2OI,PAL3OI, PPL1OF,PPL1OM, PPL2OF,PPL2OM, PPL3OF,PPL3OR	This course enables students to explore the benefits of lifelong participation in active recreation and healthy leisure and to develop the leadership and coordinating skills needed to plan, organize, and safely implement recreational events and other activities related to healthy, active living. Students will also learn how to promote the benefits of healthy, active living to others through mentoring and assisting them in making informed decisions that enhance their well-being. The course will prepare students for university programs in physical education and health and kinesiology and for college and university programs in recreation and leisure management, fitness and health promotion, and fitness leadership

Physical Education

Course Code	Course Name	Type	Department	Prerequisites	Description
PPL1OF	Healthy Active Living Female	Open	Physical Education		This course emphasizes students' daily participation in a variety of enjoyable physical activities that promote lifelong healthy active 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.
PPL1OM	Healthy Active Living Male	Open	Physical Education		This course emphasizes students' daily participation in a variety of enjoyable physical activities that promote lifelong healthy active 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.
PPL2OF	Healthy Active Living Female	Open	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, students develop knowledge and skills related to movement competence and personal fitness that provide a foundation for active living. Students also acquire an understanding of the factors and skills that contribute to healthy development and learn how their own well-being is affected by, and affects, the world around them. Students build their sense of self, learn to interact positively with others, and develop their ability to think critically and creatively.
PPL2OM	Healthy Active Living Male	Open	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, students develop knowledge and skills related to movement competence and personal fitness that provide a foundation for active living. Students also acquire an understanding of the factors and skills that contribute to healthy development and learn how their own well-being is affected by, and affects, the world around them. Students build their sense of self, learn to interact positively with others, and develop their ability to think critically and creatively.
PPL3OF	Healthy Active Living Female	Open	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. This course will have a focus on a variety of fun fitness, cardio, general strength and endurance activities. Students cannot choose both PPL3OF and PPL3OR. Students must select one or the other.

Physical Education

Course Code	Course Name	Type	Department	Prerequisites	Description
PPL3OR	Healthy Active Living Education	Open	Physical Education		<p>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. This course will have a focus that introduces students to a variety of leisure and recreation activities that are life-long in pursuit, such as bowling, yoga, pickleball, golf, curling, etc. Students cannot choose both PPL3OF and PPL3OR. Students must select one or the other.</p> <p>Students registered in this course will have an opportunity to participate in enhanced programming. The offering of these enhanced programs would require students to make payments to cover the cost of these activities. Please note that participation in these activities is not required and will not negatively impact the student's level of academic achievement.</p>
PPL4OF	Healthy Active Living Female	Open	Physical Education		<p>This course enables students to further develop the knowledge and skills they need to make healthy choices. It places special emphasis on how students can maintain the habits of healthy, active living throughout their lives as they make the transition to adulthood and independent living. Through participation in a wide range of physical activities in a variety of settings, students can 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. This course will have a focus on a more advanced variety of fun fitness, cardio, general strength and endurance activities that include participation and planning.</p>
PPL4OM	Healthy Active Living Male	Open	Physical Education		<p>This course enables students to further develop the knowledge and skills they need to make healthy choices. It places special emphasis on how students can maintain the habits of healthy, active living throughout their lives as they make the transition to adulthood and independent living. Through participation in a wide range of physical activities in a variety of settings, students can 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. This course will have a focus on a variety of fitness, cardio, general strength and endurance activities which prepare the student for events, meets or long range endurance activities, such as biathalons, endura</p>
PSK4U1	Introductory Kinesiology	University	Physical Education	PAF3OF,PAF3OM, PAF4OF,PAF4OM, PAI3ON,PAL3OI, PLF4M1,PPL3OF, PPL3OR,PPL4OF, PPL4OM,SBI3U1, SBI3UA,SCH3U1, SCH3UA,SPH3U1, SPH3UA	<p>This course focuses on the study of human movement and of systems, factors and principals involved in human development. Students will learn about the effects of physical activity on health and performance, the evolution of physical activity and sports and the factors that influence an individual's participation in physical activity. The course prepares students for university programs in physical education, kinesiology, recreation and sports administration.</p>

Science

Course Code	Course Name	Type	Department	Prerequisites	Description
SBI3C1	Biology	College	Science	SNC2D1,SNC2DA, SNC2P1	This course focuses on the processes that occur in biological systems. Students will learn concepts and theories as they conduct investigations in the areas of cellular biology, microbiology, genetics, the anatomy of mammals, and the structure of plants and their role in the natural environment. Emphasis will be placed on the practical application of concepts, and on the skills needed for further study in various branches of the life sciences and related fields.Prerequisite: Science, Grade 10, Academic or Applied
SBI3U1	Biology	University	Science	SNC2D1,SNC2DA	This course furthers students' understanding of the processes that occur in biological systems. Students will study theory and conduct investigations in the areas of biodiversity; evolution; genetic processes; the structure and function of animals; and the anatomy, growth, and function of plants. The course focuses on the theoretical aspects of the topics under study, and helps students refine skills related to scientific investigation.Prerequisite: Science, Grade 10, Academic
SBI3UA	Biology	University	Science	SNC2DA	This is a Pre AP course. This course furthers students' understanding of the processes that occur in biological systems. Students will study theory and conduct investigations in the areas of biodiversity; evolution; genetic processes; the structure and function of animals; and the anatomy, growth, and function of plants. The course focuses on the theoretical aspects of the topics under study, and helps students refine skills related to scientific investigation.Prerequisite: Science, Grade 10, Pre AP
SBI4U1	Biology	University	Science	SBI3U1,SBI3UA	This course provides students with the opportunity for in-depth study of the concepts and processes that occur in biological systems. Students will study theory and conduct investigations in the areas of biochemistry, metabolic processes, molecular genetics, homeostasis, and population dynamics. Emphasis will be placed on the achievement of detailed knowledge and the refinement of skills needed for further study in various branches of the life sciences and related fields.Prerequisite: Biology, Grade 11, University Preparation
SBI4UA	Biology	University	Science	SBI3UA	This is an AP Course. This course provides students with the opportunity for in-depth study of the concepts and processes that occur in biological systems. Students will study theory and conduct investigations in the areas of biochemistry, metabolic processes, molecular genetics, homeostasis, and population dynamics. Emphasis will be placed on the achievement of detailed knowledge and the refinement of skills needed for further study in various branches of the life sciences and related fields.
SCH3U1	Chemistry	University	Science	SNC2D1,SNC2DA	This course enables students to deepen their understanding of chemistry through the study of the properties of chemicals and chemical bonds; chemical reactions and quantitative relationships in those reactions; solutions and solubility; and atmospheric chemistry and the behaviour of gases. Students will further develop their analytical skills and investigate the qualitative and quantitative properties of matter, as well as the impact of some commonchemical reactions on society and the environment.Prerequisite: Science, Grade 10, Academic
SCH3UA	Chemistry	University	Science	SNC2DA	This is a Pre AP course. This course enables students to deepen their understanding of chemistry through the study of the properties of chemicals and chemical bonds; chemical reactions and quantitative relationships in those reactions; solutions and solubility; and atmospheric chemistry and the behaviour of gases. Students will further develop their analytical skills and investigate the qualitative and quantitative properties of matter, as well as the impact of some commonchemical reactions on society and the environment.Prerequisite: Science, Grade 10, Pre AP.
SCH4C1	Chemistry	College	Science	SNC2D1,SNC2P1, SNC2D1A	This course enables students to develop an understanding of chemistry through the study of matter and qualitative analysis, organic chemistry, electrochemistry, chemical calculations, and chemistry as it relates to the quality of the environment. Students will use a variety of laboratory techniques, develop skills in data collection and scientific analysis, and communicate scientific information using appropriate terminology. Emphasis will be placedon the role of chemistry in daily life and the effects of technological applications and processes on society and the environment.Prerequisite: Science, Grade 10, Academic or Applied

Science

Course Code	Course Name	Type	Department	Prerequisites	Description
SCH4U1	Chemistry	University	Science	SCH3U1,SCH3UA	This course enables students to deepen their understanding of chemistry through the study of organic chemistry, the structure and properties of matter, energy changes and rates of reaction, equilibrium in chemical systems, and electrochemistry. Students will further develop their problem-solving and investigation skills as they investigate chemical processes, and will refine their ability to communicate scientific information. Emphasis will be placed on the importance of chemistry in everyday life and on evaluating the impact of chemical technology on the environment.Prerequisite: Chemistry, Grade 11, University Preparation
SCH4UA	Chemistry	University	Science	SCH3UA	This is an AP Course. This course enables students to deepen their understanding of chemistry through the study of organic chemistry, the structure and properties of matter, energy changes and rates of reaction, equilibrium in chemical systems, and electrochemistry. Students will further develop their problem-solving and investigation skills as they investigate chemical processes, and will refine their ability to communicate scientific information. Emphasis will be placed on the importance of chemistry in everyday life and on evaluating the impact of chemical technology on the environment.Prerequisite: SCH3UA
SNC1D1	Science	Academic	Science		This course enables students to develop their understanding of basic concepts in biology, chemistry, earth and space science, and physics, and to relate science to technology, society, and the environment. Throughout the course, students will develop their skills in the processes of scientific investigation. Students will acquire an understanding of scientific theories and conduct investigations related to sustainable ecosystems; atomic and molecular structures and the properties of elements and compounds; the study of the universe and its properties and components; and the principles of electricity.Prerequisite: None
SNC1DA	Science	Pre-AP	Science	Pre-AP application must be submitted to the Vice Principal	This course enables students to develop their understanding of basic concepts in biology, chemistry, earth and space science, and physics, and to relate science to technology, society, and the environment. Throughout the course, students will develop their skills in the processes of scientific investigation. Students will acquire an understanding of scientific theories and conduct investigations related to sustainable ecosystems; atomic and molecular structures and the properties of elements and compounds; the study of the universe and its properties and components; and the principles of electricity.
SNC1L1	Science	Locally Developed	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 11 Workplace Preparation 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. Students have the opportunity to extend mathematical and scientific process skills and to continue developing their skills in reading, writing, and oral language through relevant and practical science activities.
SNC1P1	Science	Applied	Science		This course enables students to develop their understanding of basic concepts in biology, chemistry, earth and space science, and physics, and to apply their knowledge of science to everyday situations. They are also given opportunities to develop practical skills related to scientific investigation. Students will plan and conduct investigations into practical problems and issues related to the impact of human activity on ecosystems; the structure and properties of elements and compounds; space exploration and the components of the universe; and static and current electricity.Prerequisite: None

Science

Course Code	Course Name	Type	Department	Prerequisites	Description
SNC2D1	Science	Academic	Science	SNC1D1,SNC1P, SNC1DA	This course enables students to enhance their understanding of concepts in biology, chemistry, earth and space science, and physics, and of the interrelationships between science, technology, society, and the environment. Students are also given opportunities to further develop their scientific investigation skills. Students will plan and conduct investigations and develop their understanding of scientific theories related to the connections between cells and systems in animals and plants; chemical reactions, with a particular focus on acid–base reactions; forces that affect climate and climate change; and the interaction of light and matter. Prerequisite: Science, Grade 9, Academic or Applied
SNC2DA	Pre A.P. Science	Academic	Science	SNC1DA or permission from the Vice Principal	This is a Pre-AP course. This course enables students to enhance their understanding of concepts in biology, chemistry, earth and space science, and physics, and of the interrelationships between science, technology, society, and the environment. Students are also given opportunities to further develop their scientific investigation skills. Students will plan and conduct investigations and develop their understanding of scientific theories related to the connections between cells and systems in animals and plants; chemical reactions, with a particular focus on acid–base reactions; forces that affect climate and climate change; and the interaction of light and matter. Prerequisite: Science, Grade 9, Academic or Applied
SNC2L1	Science	Locally Developed	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 11 Workplace Preparation 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. Students have the opportunity to extend mathematical and scientific process skills and to continue developing their skills in reading, writing, and oral language through relevant and practical science activities.
SNC2P1	Science	Applied	Science	SNC1D1,SNC1P1	This course enables students to develop a deeper understanding of concepts in biology, chemistry, earth and space science, and physics, and to apply their knowledge of science in real-world situations. Students are given opportunities to develop further practical skills in scientific investigation. Students will plan and conduct investigations into everyday problems and issues related to human cells and body systems; chemical reactions; factors affecting climate change; and the interaction of light and matter. Prerequisite: Science, Grade 9, Academic or Applied
SPH3U1	Physics	University	Science	SNC2D1,SNC2DA	This course develops students' understanding of the basic concepts of physics. Students will explore kinematics, with an emphasis on linear motion; different kinds of forces; energy transformations; the properties of mechanical waves and sound; and electricity and magnetism. They will enhance their scientific investigation skills as they test laws of physics. In addition, they will analyse the interrelationships between physics and technology, and consider the impact of technological applications of physics on society and the environment. Prerequisite: Science, Grade 10, Academic
SPH3UA	Physics	University	Science	SNC2DA	This is a Pre AP course. This course develops students' understanding of the basic concepts of physics. Students will explore kinematics, with an emphasis on linear motion; different kinds of forces; energy transformations; the properties of mechanical waves and sound; and electricity and magnetism. They will enhance their scientific investigation skills as they test laws of physics. In addition, they will analyse the interrelationships between physics and technology, and consider the impact of technological applications of physics on society and the environment. Prerequisite: Science, Grade 10, Pre AP.

Science

Course Code	Course Name	Type	Department	Prerequisites	Description
SPH4C1	Physics	College	Science	SNC2D1,SNC2P1, SNC2DA	This course enables students to develop an understanding of chemistry through the study of matter and qualitative analysis, organic chemistry, electrochemistry, chemical calculations, and chemistry as it relates to the quality of the environment. Students will use a variety of laboratory techniques, develop skills in data collection and scientific analysis, and communicate scientific information using appropriate terminology. Emphasis will be placed on the role of chemistry in daily life and the effects of technological applications and processes on society and the environment. Prerequisite: Science, Grade 10, Academic or Applied
SPH4U1	Physics	University	Science	SPH3U1,SPH3UA	This course enables students to deepen their understanding of physics concepts and theories. Students will continue their exploration of energy transformations and the forces that affect motion, and will investigate electrical, gravitational, and magnetic fields and electromagnetic radiation. Students will also explore the wave nature of light, quantum mechanics, and special relativity. They will further develop their scientific investigation skills, learning, for example, how to analyse, qualitatively and quantitatively, data relating to a variety of physics concepts and principles. Students will also consider the impact of technological applications of physics on society and the environment. Prerequisite: Physics, Grade 11, University Preparation
SPH4UA	Physics	University	Science	SPH3UA	This is an AP Course. This course enables students to deepen their understanding of physics concepts and theories. Students will continue their exploration of energy transformations and the forces that affect motion, and will investigate electrical, gravitational, and magnetic fields and electromagnetic radiation. Students will also explore the wave nature of light, quantum mechanics, and special relativity. They will further develop their scientific investigation skills, learning, for example, how to analyse, qualitatively and quantitatively, data relating to a variety of physics concepts and principles. Students will also consider the impact of technological applications of physics on society and the environment. Prerequisite: SPH3UA.

Technological Education

Course Code	Course Name	Type	Department	Prerequisites	Description
ICS3U1	Introduction to Computer Science	University	Technological Education		This course introduces students to computer science. Students will design software independently and as part of a team, using industry-standard programming tools and applying the software development life-cycle model. They will also write and use subprograms within computer programs. Students will develop creative solutions for various types of problems as their understanding of the computing environment grows. They will also explore environmental and ergonomic issues, emerging research in computer science, and global career trends in computer-related fields. Prerequisite: None
ICS4U1	Computer Science	University	Technological Education	ICS3U1	This course enables students to further develop knowledge and skills in computer science. Students will use modular design principles to create complex and fully documented programs, according to industry standards. Student teams will manage a large software development project, from planning through to project review. Students will also analyse algorithms for effectiveness. They will investigate ethical issues in computing and further explore environmental issues, emerging technologies, areas of research in computer science, and careers in the field. Prerequisite: Introduction to Computer Science, Grade 11, University Preparation
ICS4UA	Introduction to Computer Studies	University	Technological Education	ICS3U1	This is an Advanced Placement Course. This course enables students to further develop knowledge and skills in computer science. Students will use modular design principles to create complex and fully documented programs, according to industry standards. Student teams will manage a large software development project, from planning through to project review. Students will also analyse algorithms for effectiveness. They will investigate ethical issues in computing and further explore environmental issues, emerging technologies, areas of research in computer science, and careers in the field. Prerequisite: Introduction to Computer Science, Grade 11, University Preparation, 80% or higher. Also, MCR3U, 80% or higher. A separate application is needed to register for this course. Please see your guidance counsellor.
TCJ2O1	Construction Technology	Open	Technological Education		This course introduces students to building materials and processes through opportunities to design and build various construction projects. Students will learn to create and read working drawings; become familiar with common construction materials, components, and processes; and perform a variety of fabrication, assembly, and finishing operations. They will use a variety of hand and power tools and apply knowledge of imperial and metric systems of measurement, as appropriate. Students will develop an awareness of environmental and societal issues related to construction technology, and will explore secondary and postsecondary pathways leading to careers in the industry.
TCJ3C1	Construction Technology	College	Technological Education		This course enables students to develop technical knowledge and skills related to carpentry, masonry, electrical systems, heating and cooling, and plumbing for residential construction. Students will gain hands on experience using a variety of materials, processes, tools, and equipment to design, lay out, and build projects. They will create and read technical drawings, learn construction terminology, interpret building codes and regulations, and apply mathematical skills as they develop construction projects. Students will also develop an awareness of environmental and societal issues related to construction technology, and explore postsecondary and career opportunities in the field. Prerequisite: None

Technological Education

Course Code	Course Name	Type	Department	Prerequisites	Description
TCJ4C1	Construction Technology	Workplace	Technological Education	TCJ3C1	This course enables students to further develop knowledge and skills related to residential construction and to explore light commercial construction. Students will gain hands-on experience using a variety of materials, processes, tools, and equipment, and will learn more about building design and project planning. They will continue to create and interpret construction drawings and will extend their knowledge of construction terminology and of relevant building codes and regulations, as well as health and safety standards and practices. Students will also focus on environmental and societal issues related to construction engineering technology, and will explore career opportunities in the field.
TDJ2O1	Technological Design	Open	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. Prerequisite: None
TDJ3M1	Technological Design	University/College	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. Prerequisite: None
TDJ4M1	Technological Design	University/College	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 explore career opportunities and the postsecondary education and training requirements for them. Prerequisite: Technological Design, Grade 11, University/College Preparation
TEJ1O1	Exploring Computer Technology	Open	Technological Education		This exploratory course introduces students to concepts and skills in computer technology, which encompasses computer systems, networking, interfacing, and programming, as well as electronics and robotics. 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. Prerequisite: None
TEJ2O1	Computer Technology	Open	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. Prerequisite: None
TEJ3M1	Computer Engineering Technology	University/College	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. Prerequisite: None

Technological Education

Course Code	Course Name	Type	Department	Prerequisites	Description
TEJ4M1	Computer Engineering Technology	University/College	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. Prerequisite: Computer Engineering Technology, Grade 11, University/College Preparation
TFJ2O1	Hospitality and Tourism	Open	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 post secondary pathways leading to careers in the tourism industry.
TFJ3E1	Hospitality and Tourism	Workplace	Technological Education		This course enables students to acquire knowledge and skills related to the food and beverage services sector of the tourism industry. Students will learn how to prepare, present, and serve food using a variety of tools and equipment and will develop an understanding of the fundamentals of providing high quality service to ensure customer satisfaction and the components of running a successful event or activity. Students will develop an awareness of health and safety practices, environmental and societal issues, and career opportunities in the food and beverage services sector. Prerequisite: None
TGG3M1	Communications Technology: Print	Univeristy/College	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 will explore college and university programs and career opportunities in the various communications technology fields. This course provides an emphasis on Print and graphic Communications. Pre-requisite: None
TGG4M1	Communications Technology: Print	Univeristy/College	Technological Education	TGG3M1, TGJ3M1	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 will explore college and university programs and career opportunities in the various communications technology fields. This course provides an emphasis on Print and graphic Communications. Pre-requisite: TGG3M1

Technological Education

Course Code	Course Name	Type	Department	Prerequisites	Description
TGJ2O1	Communications Technology	Open	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 communicationstechnology and explore secondary and postsecondary education and training pathways and career opportunities in the various communications technology fields.Prerequisite: None
TGJ3M1	Communications Technology	University/College	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.Prerequisite: None
TGJ4M1	Communications Technology	University/College	Technological Education	TGG3M1,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.Prerequisite: Communications Technology, Grade 11, University/College Preparation
TIJ1O1	Exploring Technologies	Open	Technological Education		This course enables students to further explore and develop technological knowledge and skills introduced in the elementary science and technology program. Students will be given the opportunity to design and create products and/or provide services related to the various technological areas or industries, working with a variety of tools, equipment, and software commonly used in industry. Students will develop an awareness of environmental and societal issues, and will begin to explore secondary and postsecondary education and training pathways leading to careers in technology-related fields. Prerequisite: None
TPJ3C1	Health Care	College	Technological Education		This course focuses on the development of knowledge and skills that will benefit students planning a career in the health care field. Students will learn about human anatomy and physiology, homeostasis, vital signs, disease prevention and treatment, how lifestyle choices affect health and well-being, and conventional and complementary methods of disease prevention and treatment. Students will develop an awareness of health and safety issues,environmental and societal issues related to health care, and career opportunities in the field.Prerequisite: None
TTJ2O1	Transportation Technology	Open	Technological Education		This course introduces students to the service and maintenance of vehicles, aircraft, and/or watercraft. Students will develop knowledge and skills related to the construction and operation of vehicle/craft systems and learn maintenance and repair techniques. Student projects may include the construction of a self-propelled vehicle or craft, engine service, tire/wheel service, electrical/battery service, and proper body care. Students will develop an awareness of related environmental and societal issues and will explore secondary and postsecondary pathways leading to careers in the transportation industry.Prerequisite: None

Technological Education

Course Code	Course Name	Type	Department	Prerequisites	Description
TTJ3C1	Transportation Technology	College	Technological Education		The focus of this course is car care. This course enables students to develop technical knowledge and skills as they study, test, service, and repair engine, electrical, suspension, brake, and steering systems on vehicles, aircraft, and/or watercraft. Students will develop communication and teamwork skills through practical tasks, using a variety of tools and equipment. Students will develop an awareness of environmental and societal issues related to transportation and will learn about apprenticeship and college programs leading to careers in the transportation industry.Prerequisite: None
TTS3C1	Transportation Technology: Small Engine Equipment	College	Technological Education		The focus of this course is Small Engines. This course enables students to develop technical knowledge and skills as they study, test, service, and repair engine, electrical, suspension, brake, and steering systems on vehicles, aircraft, and/or watercraft. Students will develop communication and teamwork skills through practical tasks, using a variety of tools and equipment. Students will develop an awareness of environmental and societal issues related to transportation and will learn about apprenticeship and college programs leading to careers in the transportation industry.Prerequisite: None
TTJ4CE	Transportation Technology: Engine Rebuilding	College	Technological Education	TTJ3C1,TTS3C1	The focus of this course is Engine Rebuilding. Course Outline: This course enables students to further develop technical knowledge and skills as they studey, test, services, and repair engine management systems; power trains; steering/control, suspension, brake, and body systems on vehicles, aircraft, and/or watercraft; and/or small-engine products. Students will refine communication and teamwork skills through practical tasks, using a variety of tools and equipment.
TTJ4E1	Transportation Technology: Vehicle Maintenance	Workplace	Technological Education		This course introduces students to the servicing, repair, and maintenance of vehicles through practical applications. The course is appropriate for all students as a general interest course to prepare them for future vehicle operation, care, and maintenance or for entry into an apprenticeship in the motive power trades. Students will develop an awareness of environmental and societal issues related to transportation, and will learn about careers in the transportation industry and the skills and training required for them.
TWJ3E1	Custom Woodworking	Workplace	Technological Education		This course enables students to develop knowledge and skills related to cabinet making and furniture making. Students will gain practical experience using a variety of the materials, tools, equipment, and joinery techniques associated with custom woodworking. Students will learn to create and interpret technical drawings and will plan, design, and fabricate projects. They will also develop an awareness of environmental and societal issues related to the woodworking industry, and explore apprenticeships, postsecondary training, and career opportunities in the field that may be pursued directly after graduation.Prerequisite: None
TWJ4E1	Custom Woodworking	Workplace	Technological Education	TWJ3E1	This course enables students to further develop knowledge and skills related to the planning, design, and construction of cabinets and furniture for residential and/or commercial projects. Students will gain further experience in the safe use of common woodworking materials, tools, equipment, finishes, and hardware, and will learn about the entrepreneurial skills needed to establish and operate a custom woodworking business. Students will also expand their awareness of health and safety issues and environmental and societal issues related to woodworking, and will explore career opportunities that may be pursued directly after graduation.Prerequisite: Custom Woodworking, Grade 11, Workplace Preparation
TXJ1O1	Exploring Hairstyling and Aesthetics	Open	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.Prerequisite: None

Technological Education

Course Code	Course Name	Type	Department	Prerequisites	Description
TXJ2O1	Hairstyling and Aesthetics	Open	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.Prerequisite: None
TXJ3E1	Hairstyling and Aesthetics	Workplace	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 directentry work positions.Prerequisite: None
TXJ4E1	Hairstyling and Aesthetics	Workplace	Technological Education	TXJ3E1	This is a 2 credit course. 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 thehairstyling and aesthetics industry.Prerequisite: Hairstyling and Aesthetics, Grade 11, Workplace Preparation