

WE ARE
GEORGETOWN

9-12 Program

Book

GDHS 2026-2027

GRADE 9-12 PROGRAM BOOK

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SPECIALIZED PROGRAMMING

International Baccalaureate Diploma Prep Programme

The International Baccalaureate Prep Programme (IBDPP) is a two-year programme for grades 9 and 10, designed to prepare students for the academic challenges of the International Baccalaureate Diploma Programme (IB) in grades 11 and 12. GDHS has been offering the International Baccalaureate Diploma Programme (IB) since September 2007. The IBDPP is offered as a complete package of courses only.

What are the advantages of the IBDPP?

- OSSD curriculum, with heightened expectations, depth and focus
- Strong work habit preparation

Successful IBDPP students:	<ul style="list-style-type: none">• are naturally curious and enjoy learning	<ul style="list-style-type: none">• demonstrate integrity, honesty, fairness
	<ul style="list-style-type: none">• think critically and creatively	<ul style="list-style-type: none">• show caring, empathy, compassion
	<ul style="list-style-type: none">• express ideas and information confidently	<ul style="list-style-type: none">• are open-minded, well-balanced and reflective individuals
	<ul style="list-style-type: none">• explore second languages	<ul style="list-style-type: none">• demonstrate consistent and persevering work habits

Students in the IBDPP take a package of courses in grades 9 and 10:

Year 1 (Gr 9)	English	ENL1WB
	Math	MTH1WB
	Science	SNC1WB
	Geography	CGC1WB
	French	FSF1DB
Year 2 (Gr 10)	English	ENG2DB
	Math	MPM2DB
	Science	SNC2DB
	Geography	CHC2DB
	French	FSF2DB
	Math - Pre IB Gr 11	MCR3UB

How do students apply?

The IBDPP requires that interested students complete an IBDPP registration/application form on the Board Website. Registration forms will be reviewed by the IBDPP/IB Co-ordinator, in relation to application responses; successful students will be selected based on a lottery system. Students will be contacted once the application window closes. More information about the IBDPP & IB programme can be found on the GDHS IBDPP/IB Website: <https://gdhsib.weebly.com/>.

DUAL CREDITS

Dual Credit is a joint program with local colleges that provides students in Grade 11 or 12 the unique opportunity to earn a college credit and non-compulsory secondary school credit at the same time. Credits earned count toward the Ontario Secondary School Diploma, a post-secondary certificate, diploma, degree, or Certificate of Apprenticeship. Students are taught by a college instructor and monitored by an HDSB teacher. This program provides students with the opportunity to explore a college destination during high school. All Dual Credit options are available on the [HDSB Dual Credit Website](#). GDHS offers 1 Dual Credit to our students annually.

eLEARNING COURSES

eLearning courses are delivered by an HDSB teacher in an asynchronous, online environment. This means that students will work individually through the online material delivered through Brightspace. Students that select an online course will have a period in one of their semesters designated as their time to work on a course. It is recommended that students selecting eLearning courses have strong learning skills in self-regulation, organization and time management. While students are required to login daily they may complete this work at any point during the day.

Students are required to earn two eLearning credits to graduate from secondary school as part of the 30 credits required for the Ontario Secondary School Diploma (OSSD). This is beginning with every student who entered Grade 9 in the 2020-21 school year. The graduation requirement is intended to support students in developing familiarity and comfort with working and learning in a fully online environment, as well as developing digital literacy and other important transferable skills that will help prepare them for success after graduation and in all aspects of their lives.

eLearning credits are defined as courses that are delivered primarily asynchronously with learning between students and educators done through Brightspace, where coursework is teacher-led.

Parents/guardians may choose to [opt their student out of the mandatory eLearning courses required for graduation](#). Students aged 18 years of age or older, or students who are 16 or 17 years of age and have withdrawn from parental control, can also opt out of the graduation requirement.

FRENCH IMMERSION PROGRAM

This is a continuation of the early French Immersion program studied in elementary school that provides a wide variety of francophone experiences. Students continuing in the French Immersion program at high school must take the following courses in the French language:

Year 1 (Gr 9)	Français	FIF1D4
	Sciences	SNC1W4
	Arts dramatiques	ADA1O4

	Géographie	CGC1W4
Year 2 (Gr 10)	Français	FIF2D4
	Histoire	CHC2D4
	Civisme et carrières	CHV2O4 and GLC2O4
Year 3 (Gr 11)	Français	FIF3U4
	Histoire mondiale jusqu'à la fin du 15e siècle	CHW3M4
Year 4 (Gr 12)	Français	FIF4U4

GIFTED PROGRAM

The Gifted Program provides students with a gifted learner designation an opportunity to be clustered in their core academic subjects for enrichment opportunities. Students in gifted clustered courses will be provided more choice on assessments and evaluations and will explore subjects in greater depth focusing on big ideas and the inquiry based approach.

Students selecting Gifted programming may choose from the following courses:

Year 1 (Gr 9)	English	ENL1W5
	Math	MTH1W5
	Geography	CGC1W5
	Science	SNC1W5
	French	FSF1D5
Year 2 (Gr 10)	English	ENG2D5
	Math	MPM2D5
	History	CHC2D5
	Science	SNC2D5
Year 3 (Gr 11)	English	ENG3U5
	Math	MCR3U5
Year 4 (Gr 12)	English	ENG4U5

INTERNATIONAL BACCALAUREATE

The IB Diploma Programme involves taking 8 credits in grade 11 and 8 credits in gr 12 from IB Core Requirements in the following 6 subject areas: Studies in Language and Literature, Individuals and Societies, Mathematics, The Arts, Sciences, and Language Acquisition. IB Diploma candidates must also complete: Theory of Knowledge

course, Creativity, Action, and Service hours, and an Extended Essay. IB learners strive to be: Inquirers, Knowledgeable, Thinkers, Communicators, Principled, Open-minded, Caring, Risk-takers, Balanced, and Reflective. More information on the IB Diploma Programme can be found on the GDHS IB website: <https://gdhsib.weebly.com/>

Year 1 (Gr 11)	Group 1 Language A: Literature	ENG3UB
	Group 2 Language B: French	FSF3UB
	Group 3 Individuals and Society: Psychology	HSP3UB
	Group 4 Experimental Sciences: Biology	SBI3UB and SNC4MB
	Group 5 Mathematics: Math	MHF4UB
	Group 6 Arts or Elective: Visual Arts or Chemistry	AWD3MB and AVI3MB, or SCH3UB and SNC4MC

Note 2: Students interested in taking Physics must take these courses outside of the Gr 11 and 12 IB Diploma Programme (ie: gr 10 year and/or summer school)

Year 2 (Gr 12)	Group 1 Language A: Literature	ETS4UB and ENG4UB
	Group 2 Language B: French	FSF4UB
	Group 3 Individuals and Society: Psychology	HSB4UB
	Group 4 Experimental Sciences: Biology	SBI4UB
	Group 5 Mathematics: Math	MCV4UB
	Group 6 Arts or Elective: Visual Arts or Chemistry	AVI4MB or SCH4UB
	Core Requirement: Theory of Knowledge	HZT4UB

Note 2: Students interested in taking Physics must take these courses outside of the Gr 11 and 12 IB Diploma Programme (ie: gr 10 year and/or summer school)

LOCALLY DEVELOPED PROGRAM

The Locally Developed Program offers students that may experience challenges in literacy and numeracy the opportunity to work towards an Ontario Secondary School Diploma (OSSD). Locally developed classrooms are typically smaller in size, which helps to create a more community based, mentorship program that meets the academic and social-emotional needs of each student. Students will encounter more individual support in the following subjects: English, Geography, Science and/or Math. Such an approach will build confidence, skills and knowledge that can be transferred into further education and the workplace.

Students may select from the following compulsory credits through the Locally Developed program:

Year 1 (Gr 9)	English	ENG1L9
	Geography	CGC1W9
	Math	MAT1L9
	Science	SNC1L9
	French	FSF1D9 or students with little or no French experience should select FSF1O1 for their high school French credit.
Year 2 (Gr 10)	English	ENG2L9
	History	CHC2L9
	Math	MAT2L9
	Civics and Career Studies	CHV2O9 and GLC2O9
Year 3 (Gr 11)	English	NBE3E1
	Math	MEL3E1
	Science	SVN3E1
Year 4 (Gr 12)	English	ENG4E1

STUDENT SUCCESS PROGRAM

The Student Success Program allows students who have fallen behind in a class to rescue their credit prior to the end of the course with assistance. The program also runs credit recovery classes and self-paced learning classes on an as needed basis. For additional information, please feel free to contact Jill Howarth, Student Success Program Leader (905-877-6966 ext.221 or howarthj@hdsb.ca) or your Guidance Counsellor.

COURSE DESCRIPTIONS

ARTS

Grade 9

Dramatic Arts	Open, French Immersion	ADA1O1, ADA1O4
This course provides opportunities for students to explore dramatic forms and techniques, using material from a wide range of sources and cultures. Students will use the elements of drama to examine situations and issues that are relevant to their lives. Students will create, perform, discuss, and analyse drama, and then reflect on the experiences to develop an understanding of themselves, the art form, and the world around them.		
Instrumental Music	Open	AMI1O1
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. The classroom emphasis is on performance of a woodwind, brass or percussion instrument in a variety of musical styles. (Grade 9 students may take only one music credit in their grade 9 year)		
Vocal Music	Open	AMV1O1
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. (Grade 9 students may take only one music credit in their grade 9 year)		
Visual Arts	Open	AVI1O1
This course is exploratory in nature, offering an overview of visual arts as a foundation for further study. Students will become familiar with the elements and principles of design and the expressive qualities of various materials by using a range of media, processes, techniques, and styles. Students will use creative and critical analysis processes and will interpret art within a personal, contemporary, and historical context.		
Grade 10		
Dramatic Arts	Open	ADA2O1
This course provides opportunities for students to explore dramatic forms, conventions, and techniques. Students will explore a variety of dramatic sources from various cultures and representing a range of genres. Students will use the elements of drama in creating and communicating through dramatic works. Students will assume responsibility for decisions made in the creative and collaborative processes and will reflect on their experiences.		
Guitar Music	Open	AMG2O1
This course provides students with opportunities to develop their musical literacy through the creation, appreciation, analysis, and performance of music, including traditional, commercial, and art music. Students will		

apply the creative process when performing appropriate technical exercises and repertoire and reflect on, respond to, and analyse live and recorded performances. Students will consider the function of music in society and the impact of music on individuals and communities. They will explore how to apply skills developed in music to their life and careers. This course develops **guitar** techniques.

Instrumental Music	Open	AMI2O1
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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.

Vocal Music	Open	AMV2O1
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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.

Dance	Open	ATC2O1
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This course emphasizes the development of students' technique and creative skills relating to the elements of dance and the tools of composition in a variety of performance situations. Students will identify responsible personal and interpersonal practices related to dance processes and production, and will apply technologies and techniques throughout the process of creation to develop artistic scope in the dance arts.

Visual Arts	Open	AVI2O1
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This course enables students to develop their skills in producing and presenting art by introducing them to new ideas, materials, and processes for artistic exploration and experimentation. Students will apply the elements and principles of design when exploring the creative process. Students will use the critical analysis process to reflect on and interpret art within a personal, contemporary, and historical context.

Grade 11		
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Dramatic Arts	University/College	ADA3M1
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This course requires students to create and to perform dramatic presentations. Students will analyze, interpret, and perform works of drama from various cultures, including Western plays from around 1900. Students will also do research on different acting styles and conventions for their presentations, create original works, and analyze the functions of playwright, director, actor, producer, designer, technician, and audience.

Prerequisite: ADA1O1 or ADA2O1

Dramatic Arts (Production)	University/College	ADD3M1
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This course requires students to create and perform in dramatic presentations. Students will analyze, interpret, and perform dramatic works from various cultures and time periods. Students will research various acting styles and conventions that could be used in their presentations, and analyze the functions of playwrights, directors, actors, designers, technicians, and audiences.

Prerequisite: ADA1O1 or ADA2O1

Film/Video Studies	University/College	ADV3M1
<p>Students are introduced to an overview of the history of cinema, with the emphasis on 20th Century film, and take a look at technical innovations and influences on our modern day society. Students view films, create storyboards and develop short film projects, as well as analyze identifiable genres with a critical lens in order to apply specific film and writing techniques to studio projects. A large emphasis is placed on collaborative assignments and written tasks that occur throughout the creative process, giving students an opportunity to discover the many roles involved in film production. Some technical experience is welcome but not necessary.</p>		
		Prerequisite: None
Film/Video Studies	Open	ADV3O1
<p>Students are introduced to an overview of the history of cinema, with the emphasis on 20th Century film, and take a look at technical innovations and influences on our modern day society. Through watching film, students will create storyboards and develop short film projects, as well as examine identifiable genres to apply specific film and writing techniques to studio projects. A large emphasis is placed on collaborative group assignments, giving students an opportunity to discover the many roles involved in film production. Some technical experience is welcome but not necessary.</p>		
		Prerequisite: None
Guitar Music	Open	AMG3O1
<p>This course provides students with opportunities to develop their musical literacy through the creation, appreciation, analysis, and performance of music, including traditional, commercial, and art music. Students will apply the creative process when performing appropriate technical exercises and repertoire and reflect on, respond to, and analyse live and recorded performances. Students will consider the function of music in society and the impact of music on individuals and communities. They will explore how to apply skills developed in music to their life and careers. This course develops guitar techniques.</p>		
		Prerequisite: None
Instrumental Music	University/College	AMI3M1
<p>This course provides students with opportunities to develop their musical literacy through the creation, appreciation, analysis, and performance of music, including traditional, commercial, and art music. Students will apply the creative process when performing appropriate technical exercises and repertoire and reflect on, respond to, and analyse live and recorded performances. Students will consider the function of music in society and the impact of music on individuals and communities. They will explore how to apply skills developed in music to their life and careers.</p>		
		Prerequisite: AMI1O1 or AMI2O1
Music and Computers - Online Course Only	University/College	AMM3MO - online
<p>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. This course will explore the possibilities of composing and scoring music for film and television jingles using midi, loop and wave based technology plus visiting pre-production, post-production and mastering facilities in order to research the employment possibilities of "Music and Computers".</p>		
		Prerequisite: Music, Grade 9 or 10, Open
<p>Recommendation: Encouraged to be enrolled in a senior music course at their home school</p>		
Vocal/Choral Music	University/College	AMV3M1

This course provides students with opportunities to develop their musical literacy through the creation, appreciation, analysis, and performance of music, including traditional, commercial, and art music. Students will apply the creative process when performing appropriate technical exercises and repertoire and will employ the critical analysis processes when reflecting on, responding to, and analysing live and recorded performances. Students will consider the function of music in society and the impact of music on individuals and communities. They will explore how to apply skills developed in music to their life and careers.

Prerequisite: AMV1O1 or AMV2O1

Dance	Open	ATC3O1
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This course emphasizes the development of students' technique and creative skills relating to the elements of dance and the tools of composition in a variety of performance situations. Students will identify responsible personal and interpersonal practices related to dance processes and production, and will apply technologies and techniques throughout the process of creation to develop artistic scope in the dance arts.

Prerequisite: ATC2O1

Visual Arts	University/College	AVI3M1
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This course enables students to further develop their knowledge and skills in visual arts. Students will use the creative process to explore a wide range of themes through studio work that may include drawing, painting, sculpting, and printmaking, as well as the creation of collage, multimedia works, and works using emergent technologies. Students will use the critical analysis process when evaluating their own work and the work of others. The course may be delivered as a comprehensive program or through a program focused on a particular art form (e.g. photography, video, computer graphics, information design).

Prerequisite: AVI1O1 or AVI2O1

Visual Arts, IB Part 2	Higher Level	AVI3MB
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This three part course provides students with opportunities to further develop their skills and knowledge in visual arts. Students will explore a range of subject matter through teacher-directed studio activities to consolidate their practical skills. Research workbooks include visual, critical, contextual and independent inquiry into the Visual Arts. Students will analyze art forms, use theories of art in analyzing and producing art, and demonstrate 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.

Prerequisite: AWD3MB

Visual Arts	Open	AVI3O1
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This course focuses on studio activities in the visual arts, such as drawing, painting, sculpture, photography, printmaking, collage, and/or multimedia art. Students will use the creative process to create artworks that reflect a wide range of subjects and will evaluate works using the critical analysis process. Students will also explore works of art within a personal, contemporary, historical, and cultural context.

Visual Arts, IB Part 1	Higher Level	AWD3MB
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This three part course provides students with opportunities to further develop their skills and knowledge in visual arts. Students will explore a range of subject matter through teacher-directed studio activities to consolidate their practical skills. Research workbooks include visual, critical, contextual and independent inquiry into the Visual Arts. Students will analyze art forms, use theories of art in analyzing and producing art, and demonstrate 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.

Prerequisite: AVI1O1 or AVI2O1

Grade 12

Dramatic Arts	University/College	ADA4M1
<p>This course requires students to experiment individually and collaboratively with forms and conventions of both drama and theatre from various cultures and time periods. Students will interpret dramatic literature and other text and media sources while learning about various theories of directing and acting. Students will examine the significance of dramatic arts in various cultures, and will analyze how the knowledge and skills developed in drama are related to their personal skills, social awareness, and goals beyond secondary school.</p>		
Prerequisite: ADA3M1 or ADD3M1		
Dramatic Arts (Production)	University/College	ADD4M1
<p>This course requires students to create and present a variety of dramatic works. Students will present works by Canadian and other playwrights, and develop original material based on personal narratives, local community issues, or global concerns. They will have hands-on experiences with various aspects of dramatic arts productions, including performance, set design, lighting, costumes, stage and technical management, and marketing. Students will also explore possible careers related to the dramatic arts.</p>		
Prerequisite: ADA3M1 or ADD3M1		
Film/Video Studies	Workplace	ADV4E1
<p>This course explores film as an art form, visual composition, means of expression, and cultural influence. Theories of composition and techniques are applied towards understanding film in-depth with historical overviews and studio assignments. The development of cinema, and the technical innovations and influences on our modern day society are reviewed before delving into International and less well-known films and their techniques. Students will view films, create short film projects, as well as analyze, understand and evaluate their work. Groups will examine the roles of directors, cinematographers, actors, and screenwriters for target audiences in order to give students an opportunity to deeper explore the many roles involved in film production. Some technical experience is welcome but not necessary.</p>		
Prerequisite: None		
Film/Video Studies	University/College	ADV4M1
<p>This course continues to challenge students to explore film as an art form, visual composition, means of expression, and cultural influence. Theories of composition and techniques learned in grade 11 are applied towards an in depth understanding, accompanied by historical lectures and studio assignments. The development and history of cinema, and the technical innovations and influences on our modern day society are reviewed before delving into International and less well known films and their techniques. Students will view films, create short film projects, as well as analyze, understand and evaluate the roles of directors, cinematographers, actors, and screenwriters for target audiences. Students will have an opportunity to deeper explore the many roles involved in film production in solo and group projects. Some technical experience is welcome but not necessary.</p>		
Prerequisite: ADV3M1		
Dual Credit Offering - Photojournalism	College & Conestoga College Credit	AFK4T1 & Conestoga Course Code TBD
<p>Note: This course aligns both the Photography course (AFK4T1) and the Conestoga College Photojournalism course (code TBD). Upon successful completion of the program, the AFK4T1 credit will be granted by Georgetown District High School and the TBD credit will be granted by Conestoga College. This course will introduce students to the requirements for taking photos for news reporting. Students will practice techniques to prepare photos and write accompanying text for digital and traditional media outlets. They will use InDesign to layout news pages and present other visual content such as infographics and social media cards.</p>		

Offered in alternating years. Not offered in the 2024-2025 school year. Will be offered in 2027-2028.

Prerequisite: None

Instrumental Music	University/College	AMI4M1
<p>This course enables students to enhance their musical literacy through the creation, appreciation, analysis, and performance of music. Students will perform traditional, commercial, and art music, and will respond with insight to live and recorded performances. Students will enhance their understanding of the function of music in society and the impact of music on themselves and various communities and cultures. Students will analyse how to apply skills developed in music to their life and careers.</p>		
Vocal Music	University/College	AMV4M1
<p>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.</p>		
Visual Arts	University/College	AVI4M1
<p>This course focuses on enabling students to refine their use of the creative process when creating and presenting two- and three-dimensional art works using a variety of traditional and emerging media and technologies. Students will use the critical analysis process to deconstruct art works and explore connections between art and society. The studio program enables students to explore a range of materials, processes, and techniques that can be applied in their own art production. Students will also make connections between various works of art in personal, contemporary, historical, and cultural contexts.</p>		
Visual Arts, IB Part 3	Higher Level	AVI4MB
<p>This three part course provides students with opportunities to further develop their skills and knowledge in visual arts. Students will explore a range of subject matter through teacher-directed studio activities to consolidate their practical skills. Research workbooks include visual, critical, contextual and independent inquiry into the Visual Arts. Students will analyze art forms, use theories of art in analyzing and producing art, and demonstrate 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. Major assessments include external evaluation of an exhibition of a student's studio work as well as external moderation of teacher-evaluated student research. There is no written examination for the Visual Arts course.</p>		
Visual Arts, Portfolio Development	University/College	AWD4M1
<p>This course focuses on enabling students to refine their use of the creative process when creating and presenting two- and three-dimensional art works using a variety of traditional and emerging media and technologies. Students will use the critical analysis process to deconstruct art works and explore connections between art and society. The studio program enables students to explore a range of materials, processes, and techniques that can be applied in their own art production. Students will also make connections between various works of art in personal, contemporary, historical, and cultural contexts. This course focuses on portfolio development.</p>		

BUSINESS

Students with 6 or more Business Studies courses are eligible to receive a Business Studies Certificate.		
Grade 9		
Building the Entrepreneurial Mindset	Open	BEM1O1 BEM1OO - online
<p>In this course, students will learn what makes an entrepreneur thrive and the skills required to succeed in today's business environment. Students will begin to develop their own entrepreneurial mindset, and learn why it's important to take initiative, adapt to change, find creative solutions, and understand the financial considerations of entrepreneurship. This hands-on course will use business software and applications to help students plan and develop their entrepreneurial ideas and learn how to present them to a target audience. Throughout the course, students will enhance their communications skills as well as develop and refine their project management skills, including goal setting, time management, and networking.</p>		
Grade 10		
Launching and Leading a Business	Open	BEP2O1 BEP2OO - online
<p>This course introduces students to the world of business and what is required to be successful, ethical, and responsible in today's economy. Students will develop the knowledge and skills needed to be an entrepreneur who knows how to respond to local and global market opportunities. Throughout the course, students will explore and understand the responsibility of managing different functions of a business. This includes accounting, marketing, information and communication technology, financial management, human resources, and production.</p>		
Grade 11		
<p>Note: Law (CLU3M or CLU3E) courses are found in Canadian and World Studies section</p>		
Financial Accounting Fundamentals	University/College	BAF3M1 BAF3MO - online
<p>This course introduces students to the fundamental principles and procedures of accounting. Students will develop financial analysis and decision-making skills that will assist them in future studies and/or career opportunities in business. Students will acquire an understanding of accounting for a service and a merchandising business, computerized accounting, financial analysis, and ethics and current issues in accounting.</p>		
Entrepreneurship: The Venture	College	BDI3C1
<p>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 goals. Students will create a venture plan for a school-based or student-run business. Through hands-on experiences, students will have opportunities to develop the values, traits, and skills most often associated with successful entrepreneurs.</p>		
Entrepreneurship: The Enterprising Person - Sports Marketing, Entertainment, & Event Management	Open	BDP3O1
<p>This course serves as an introduction to Sports Marketing, Entertainment and Event Management. It combines the expectations for Interdisciplinary Studies, with selected expectations from the English, Business and Physical Education Curriculum in the following specific areas: Media Studies, Information Technology, Multimedia Solutions,</p>		

Marketing, Endorsements, Ethics, Advertising, Sponsorships, Event Management, Exercise Science and Career Opportunities in Sports, Entertainment and Event Management.

Marketing: Goods, Services, Events	College	BMI3C1 BMI3CO - online
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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.

Information and Communication Technology: The Digital Environment	Open	BTA3O1 BTA3OO - online
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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.

Grade 12

Note: Economics (CIA4U1) and Law (CLN4U and CLN4C) courses are found in the [Canadian and World Studies Section](#)

Financial Accounting Principles	University/College	BAT4M1 BAT4MO - online
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This course introduces students to advanced accounting principles that will prepare them for postsecondary studies in business. Students will learn about financial statements for various forms of business ownership and how those statements are interpreted in making business decisions. This course expands students' knowledge of sources of financing, further develops accounting methods for assets, and introduces accounting for partnerships and corporations.

Prerequisite: BAF3M1

International Business Fundamentals	University/College	BBB4M1 BBB4MO - online
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This course provides an overview of the importance of international business and trade in the global economy and explores the factors that influence success in international markets. Students will learn about the techniques and strategies associated with marketing, distribution, and managing international business effectively. This course prepares students for postsecondary programs in business, including international business, marketing and management.

Entrepreneurship: Venture Planning in an Electronic Age - Online Course Only	University/College	BDV4CO - online
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This course provides students with the opportunity to develop and apply entrepreneurial skills through the creation of a venture plan that capitalizes on the potential of e-commerce. Students will research and identify an opportunity for a venture. They will then complete the components of a venture plan that includes a website.

Business Leadership Management	University/College	BOH4M1 BOH4MO - online
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This course focuses on the development of leadership skills used in managing a successful business. Students will analyze the role of a leader in business with a focus on decision making, management of group dynamics, workplace stress and conflict, motivation of employees, and planning. Effective business communication skills, ethics, and social responsibility are also emphasized.

CANADIAN AND WORLD STUDIES

Grade 9

Geography of Canada (de-streamed)	De-streamed, French Immersion, Gifted, IBDPP	CGC1W1, CGC1W4, CGC1W5, CGC1WB
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This course builds on learning in Grades 7 and 8 in geography. Students will explore relationships within and between Canada's natural and human systems and how they interconnect with other parts of the world. Students will also examine environmental and economic issues, and their impact related to topics such as natural resources and industries, careers, land use and responsible development, and sustainability. In addition, students will understand the connections that diverse communities and individuals have with the physical environment and each other throughout Canada, including First Nations, Métis, and Inuit perspectives. Students will apply geographic thinking, use the geographic inquiry process, and use geospatial technologies throughout their investigations.

Geography of Canada	Locally Developed	CGC1W9
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This is a small-group compulsory geography course for students in the Locally Developed Program. Students will come to understand Canada's physical character and diversity through personal experience and investigations.

Grade 10		
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Canadian History Since World War I	Academic, French Immersion, IBDPP	CHC2D1, CHC2D4, CHC2DB
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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.

Canadian History Since World War I	Locally Developed	CHC2L9
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This is a small-group compulsory history course for students in the Locally Developed Program. See description of CHC2P1 below.

Canadian History Since World War I	Applied	CHC2P1
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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.

Civics and Citizenship	Open, French Immersion	CHV2O1, CHV2O4, CHV2OO - online
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.		
Grade 11		
Note: Anthropology, Psychology, and Sociology (HSP3U1, HSP3C1) is found in the Social Sciences and Humanities Section		
Forces of Nature: Physical Processes and Disasters	University/College	CGF3M1 CGF3MO - online
This course explores interactions between the natural and human environment, with a particular focus on the impact of human activity on various ecosystems. Students will explore resource management and sustainability practices, as well as related government policy and international protocols. Applying the concepts of geographic thinking and the geographic inquiry process, including spatial technologies, students will investigate the relationship between people and the natural environment and will propose approaches for developing more sustainable relationships, including environmentally responsible actions that support stewardship.		
Prerequisite: CGC1D1		
Travel and Tourism: A Geographic Perspective	Open	CGG3O1
This course is developed and delivered with a focus, to be determined by the school, on the geography of a selected region or country of the world. Using a variety of geotechnologies and inquiry and communication methods, students will conduct and present case studies that develop their understanding of the unique characteristics of the selected world region/ country; the environmental, cultural, economic, and political factors that influence travel and tourism; and the impact of the travel industry on communities and environments around the world.		
Prerequisite: CGC1D1		
American History	University	CHA3U1 CHA3UO - online
This course traces the social, economic, and political development of the United States from colonial times to the present. Students will explore the historical context of key developments that shaped the United States, its identity and culture, and its role in the global community. They 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 forces in American history.		
Prerequisite: CHC2D1 or CHC2P1		
World History to the End of the the 15th Century	University, French Immersion	CHW3M1, CHW3M4, CHW3MO - online
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: CHC2D1 or CHC2P1 for University, CHC2D4 for French Immersion

Understanding Canadian Law	University/College	CLU3M1 CLU3MO - online
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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: CHC2D1 or CHC2P1

Grade 12

Note: Challenge and Change (HSB4U1) and Philosophy: Questions and Theories (HZT4U1) are found in the [Social Sciences and Humanities Section](#)

The Environment and Resource Management	University/College	CGR4M1 CGR4MO - online
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This course explores interactions between the natural and human environment, with a particular focus on the impact of human activity on various ecosystems. Students will explore resource management and sustainability practices, as well as related government policy and international protocols. Applying the concepts of geographic thinking and the geographic inquiry process, including spatial technologies, students will investigate the relationship between people and the natural environment and will propose approaches for developing more sustainable relationships, including environmentally responsible actions that support stewardship.

Prerequisite: Any university, university/college, or college preparation course in Canadian and World Studies, English, or Social Sciences and Humanities

World Issues: A Geographic Analysis	College	CGW4CO - online
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This course explores many difficult challenges facing Canada and the world today – challenges such as unequal access to food, water, and energy; urbanization; globalization; and meeting the needs of a growing world population while ensuring the sustainability of the natural environment. Students will explore these and other world issues from environmental, social, economic, and political perspectives, while applying the concepts of geographic thinking, the geographic inquiry process, and spatial technologies to guide and support their investigations.

Canadian and World Issues: A Geographic Analysis	University	CGW4U1 CGW4UO - online
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This course looks at the global challenge of creating a more sustainable and equitable world. Students will explore a range of issues involving environmental, economic, social, and geopolitical interrelationships, and will examine governmental policies related to these issues. Students will apply the concepts of geographic thinking and the geographic inquiry process, including spatial technologies, to investigate these complex issues, including their impact on natural and human communities around the world.

Prerequisite: Any university or university/college preparation course in Canadian and World Studies, English, or Social Sciences and Humanities

Canada: History, Identity, and Culture - Online Course Only	University	CHI4UO - online
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This course explores the challenges associated with the formation of a Canadian national identity. Students will examine the social, political, and economic forces that have shaped Canada from the pre-contact period to the present and will investigate the historical roots of contemporary issues from a variety of perspectives. Students will use critical-thinking and communication skills to consider events and ideas in historical context, debate issues of culture and identity, and present their own views.

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

World History since the Fifteenth Century	University	CHY4U1 CHY4UO - online
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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

Analyzing Current Economic Issues	University	CIA4U1 CIA4UO - online
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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.

Legal Studies	College	CLN4C1 CLN4CO - online
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This course provides a foundation for students who wish to pursue a career that requires an understanding of law. Students will explore the importance of law, analysing contemporary legal issues and their relevance to daily life. They will investigate the requirements for various law-related careers as well as legal responsibilities in the workplace. Students will apply the concepts of legal thinking and the legal studies inquiry process to investigate their rights and responsibilities, legal processes and structures, and the role of law in a changing society.

Prerequisite: CHV2O1

Canadian and International Law	University	CLN4U1
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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

Canadian and World Politics	University	CPW4U1 CPW4UO - online
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		
COMPUTER STUDIES		
Grade 10		
Digital Technology and Innovations in a Changing World	Open	ICD2O1
This course helps students develop cutting-edge digital technology and computer programming skills that will support them in contributing to and leading the global economic, scientific and societal innovations of tomorrow. Students will learn and apply coding concepts and skills to build hands-on projects and investigate artificial intelligence, cybersecurity, and other emerging digital technologies that connect to a wide range of fields and careers. Using critical thinking skills with a focus on digital citizenship, students will investigate the appropriate use and development of the digital technologies that they encounter every day, as well as the benefits and limitations of these technologies		
Grade 11		
Introduction to Computer Science	University	ICS3U1 ICS3UO - online
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: Recommend ICS2O1		
Grade 12		
Computer Science	University	ICS4U1 ICS4UO - online
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 analyze 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: ICS3U1

COOPERATIVE EDUCATION

Grade 11

Cooperative Education	Open, Workplace Level	COP3O8, COP3E8 - 2 credits
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Cooperative education is the culmination of a series of experiential learning opportunities that include job shadowing, job twinning, and work experience. Cooperative education courses include a classroom component, comprising pre-placement and integration activities, and a placement component. Students earn cooperative education credits by integrating classroom theory with planned learning experiences in the community to achieve learning based on the curriculum expectations of a related course. Placements should provide students with challenging opportunities to apply and extend the knowledge, and practice and refine the skills acquired in the related course and to demonstrate achievement of placement expectations that reflect current workplace practices and standards.

Grade 12

Cooperative Education	Open	COP4O8 - 2 credits
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Cooperative education is the culmination of a series of experiential learning opportunities that include job shadowing, job twinning, and work experience. Cooperative education courses include a classroom component, comprising pre-placement and integration activities, and a placement component. Students earn cooperative education credits by integrating classroom theory with planned learning experiences in the community to achieve learning based on the curriculum expectations of a related course. Placements should provide students with challenging opportunities to apply and extend the knowledge, and practice and refine the skills acquired in the related course and to demonstrate achievement of placement expectations that reflect current workplace practices and standards.

ENGLISH

Grade 9

English (de-streamed)	De-streamed, IBDPP, Gifted	ENL1W1, ENL1WB, ENL1W5
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This course enables students to continue to develop and consolidate the foundational knowledge and skills that they need for reading, writing, and oral and visual communication. Throughout the course, students will continue to enhance their media literacy and critical literacy skills, and to develop and apply transferable skills, including digital literacy. Students will also make connections to their lived experiences and to society and increase their understanding of the importance of language and literacy across the curriculum.

English	Locally Developed	ENG1L9
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This is a locally developed compulsory English course for students in the Locally Developed Program. The course emphasizes key reading, writing, oral communication and thinking skills. Students will study a variety of fiction and nonfiction materials. A focus will be on the correct use of both spoken and written language.

Grade 10

English	Academic, Gifted, IBDPP	ENG2D1, ENG2D5, ENG2DB
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This course is designed to extend the range of oral communication, reading, writing, and media literacy skills that students need for success in their secondary school academic programs and in their daily lives. Students will analyze literary texts from contemporary and historical periods, interpret and evaluate informational and graphic texts, and create oral, written, and media texts in a variety of forms. An important focus will be on the selective use of strategies that contribute to effective communication. This course is intended to prepare students for the compulsory Grade 11 university or college preparation course.

Prerequisite: ENL1W1 for Academic/Gifted, ENG1WB for ALP

English	Locally Developed	ENG2L9
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In this course, students focus on extending their literacy and communication skills to prepare for success in their daily lives, in the workplace, in the English Grade 11 Workplace Preparation course. The course is organized by strands that 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 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: ENG1L9

English	Applied	ENG2P1
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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.

Prerequisite: ENG1P1

Grade 11

Presentation and Speaking Skills	Open	EPS3O1
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This course emphasizes the knowledge and skills required to plan and make effective presentations and to speak effectively in both formal and informal contexts, using such forms as reports, speeches, debates, panel discussions, storytelling, recitations, interviews, and multimedia presentations. Students will research and analyse the content and characteristics of convincing speeches and the techniques of effective speakers; design and rehearse presentations for a variety of purposes and audiences; select and use visual and technological aids to enhance their message; and assess the effectiveness of their own and others' presentations.

Media Studies	Open	EMS3OO - online
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This course emphasizes knowledge and skills that will enable students to understand media communication in the twenty-first century and to use media effectively and responsibly. Through analyzing the forms and messages of a variety of media works and audience responses to them, and through creating their own media works, students

will develop critical thinking skills, aesthetic and ethical judgment, and skills in viewing, representing, listening, speaking, reading, and writing.

Prerequisite: ENG2D1 or ENG2P1

English: Contemporary Aboriginal Voices	College	NBE3C1 NBE3CO - online
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This course emphasizes the development of literacy, critical thinking, and communication skills through the study of works in English by Aboriginal writers. Students will study the content, form, and style of informational texts and literary and media works, and will develop an appreciation of the wealth and complexity of Aboriginal writing. Students will also write reports, correspondence, and persuasive essays, and analyse the relationship between media forms and audiences. An important focus will be on establishing appropriate voice and using business and technical language with precision and clarity

Prerequisite: ENG2P1

English: Contemporary Aboriginal Voices	Workplace	NBE3E1
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This course emphasizes the development of literacy, critical thinking, and communication skills through the study of works in English by Aboriginal writers. Students will study the content, form, and style of informational texts and literary and media works, and will develop an appreciation of the wealth and complexity of Aboriginal writing. Students will also write explanations, letters, and reports, and will investigate the connections between media forms and audiences. An important focus will be on using language clearly, accurately, and effectively in a variety of contexts.

Prerequisite: ENG2L9

English: Contemporary Aboriginal Voices	University, Gifted	NBE3U1, NBE3U5, NBE3UO - online
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This course emphasizes the development of literacy, critical thinking, and communication skills through the study of works in English by Aboriginal writers. Through the analysis of literary texts and media works, students will develop an appreciation of the wealth and complexity of Aboriginal writing. Students will also conduct research and analyse the information gathered; write persuasive and literary essays; and analyse the relationship between media forms and audiences. An important focus will be the further development of students' understanding of English-language usage and conventions.

Prerequisite: ENG2D1 for Academic, ENG2D5 for Gifted

English, IB Part 1	Higher Level	ENG3UB
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Part one of this three-semester course will introduce students to a wealth of literature and literary styles. This course is designed to prepare students for the study of literature and communicate an understanding about literature and other forms of media through written analysis, discussion and criticism. The works selected for this course are intended to move the student beyond their community to provide them with the opportunity to witness other world cultures and time periods. Students will study a number of works in translation, thus gaining insight into the universality of the human condition.

Prerequisite: ENG2D1, ENG2D5, or ENG2DB

Grade 12		
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English	College	ENG4C1 ENG4CO - online
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This course emphasizes the consolidation of literacy, communication, and critical and creative thinking skills necessary for success in academic and daily life. Students will analyze 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.

Prerequisite: NBE3C, ENG3C1 or ENG3U1

English	Workplace	ENG4E1
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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 analyze 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.

Prerequisite: NBE3E1 or ENG3E1

English	University, Gifted	ENG4U1, ENG4U5 ENG4UO - online
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This course emphasizes the consolidation of the literacy, communication, and critical and creative thinking skills necessary for success in academic and daily life. Students will analyze a range of challenging literary texts from various periods, countries, and cultures; interpret and evaluate informational and graphic texts; and create oral, written, and media texts in a variety of forms. An important focus will be on using academic language coherently and confidently, selecting the reading strategies best suited to particular texts and particular purposes for reading, and developing greater control in writing. The course is intended to prepare students for university, college, or the workplace.

Prerequisite: NBE3U1 or ENG3U1 for University, NBE3U5 or ENG3U5 for Gifted

English, IB Part 2	Higher Level	ETS4UB
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Part two of this course will introduce students to a wealth of literature and literary styles. This course is designed to prepare students for the study of literature and communicate an understanding about literature and other forms of media through written analysis, discussion and criticism. The works selected for this course are intended to move the student beyond their community to provide them with the opportunity to witness other world cultures and time periods. Students will study a number of works in translation, thus gaining insight into the universality of the human condition. Major Assessments that will be either examined or moderated externally include a taped oral commentary, a written examination, and a literature paper.

Prerequisite: ENG3UB

English, IB Part 3	Higher Level	ENG4UB
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This course will introduce students to a wealth of literature and literary styles. This course is designed to prepare students for the study of literature and communicate an understanding about literature and other forms of media through written analysis, discussion and criticism. Major Assessments that will be either examined or moderated externally include a taped oral commentary, a written examination, and a literature paper.

Prerequisite: ETS4UB

The Writer's Craft	University	EWC4U1 EWC4UO - online
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This course emphasizes knowledge and skills related to the craft of writing. Students will investigate models of effective writing; use a workshop approach to write a variety of works; and make considered decisions for improving the quality of their writing. They will also complete a creative or analytical independent study project and investigate opportunities for publication and for writing careers.

Prerequisite: NBE3U or ENG3U1

The Writer's Craft	College	EWC4C1
This course emphasizes knowledge and skills related to the craft of writing. Students will investigate models of effective writing; use a workshop approach to write a variety of works; and make considered decisions for improving the quality of their writing. They will also complete a creative or analytical independent study project, and investigate opportunities for publication and for writing careers.		
Prerequisite: NBE3C1, ENG3C1/OLC4O1		
Ontario Secondary School Literacy Course	Open	OLC4O1
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.		
ENGLISH AS A SECOND LANGUAGE		
English as a Second Language ESL Level 4	Open	ESLDO1
This course prepares students to use English with increasing fluency and accuracy in classroom and social situations and to participate in Canadian society as informed citizens. Students will develop the oral-presentation, reading, and writing skills required for success in all school subjects. They will extend listening and speaking skills through participation in 63 discussions and seminars; study and interpret a variety of grade-level texts; write narratives, articles, and summaries in English; and respond critically to a variety of print and media texts.		
Prerequisite: ESLCO/Level 3 or equivalent		
English as a Second Language ESL Level 5	Open	ESLDE1
This course provides students with the skills and strategies they need to make the transition to college and university preparation courses in English and other secondary school disciplines. Students will be encouraged to develop independence in a range of academic tasks. They will participate in debates and lead classroom workshops; read and interpret literary works and academic texts; write essays, narratives, and reports; and apply a range of learning strategies and research skills effectively. Students will further develop their ability to respond critically to print and media texts.		
Prerequisite: ESLDO/Level 4 or equivalent		
FRENCH AS A SECOND LANGUAGE		
Grade 9		
Core French (de-streamed)	De-streamed, Gifted, IBDPP	FSF1D1, FSF1D5, FSF1DB
This course provides opportunities for students to communicate and interact in French with increasing independence, with a focus on familiar topics related to their daily lives. Students will develop their skills in listening, speaking, reading, and writing by using language learning strategies introduced in the elementary Core French program, and will apply creative and critical thinking skills in various ways. They will also enhance their understanding and appreciation of diverse French-speaking communities, and will develop skills necessary for lifelong language learning.		

Core French	Locally Developed	FSF1D9
This is a locally developed compulsory French course that emphasizes key reading, writing, oral communication and thinking skills. 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. A focus will be on the correct use of both spoken and written language.		
Core French	Open	FSF1O1
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.		
Grade 10		
Core French	Academic, IBDPP	FSF2D1, FSF2DB
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.		
Prerequisites: FSF1D1 for Academic, FSF1DB for ALP		
Grade 11		
Core French	University	FSF3U1
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: FSF2D1		
French, IB Part 1	Standard Level	FSF3UB
Part one of the two-semester French course draws upon a variety of themes to promote the development of reading, writing and oral communication skills as the students discuss literature, culture, and current issues. Students will gain a greater understanding of French-speaking cultures in Canada and around the world through the reading of a variety of materials. The use of correct grammar and appropriate language conventions in both spoken and written French will be emphasized.		
Prerequisite: FSF2DB		
Grade 12		

Core French	University	FSF4U1 FSF4UO - online
<p>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.</p>		
Prerequisite: FSF3U1		
French, IB Part 2	Standard Level	FSF4UB
<p>Part two of the French course draws upon a variety of themes to promote the development of reading, writing and oral communication skills as the students discuss literature, culture, and current issues. Students will gain a greater understanding of French-speaking cultures in Canada and around the world through the reading of a variety of materials. The use of correct grammar and appropriate language conventions in both spoken and written French will be emphasized. Major assessments that will be either examined or moderated externally include a taped oral component and a written examination.</p>		
Prerequisite: FSF3UB		
FRENCH IMMERSION		
Grade 9		
French Immersion	Academic	FIF1D4
<p>This course provides opportunities for students to speak and interact in French independently in a variety of real-life and personally relevant contexts. Students will develop their skills in listening, speaking, reading, and writing, as well as their ability to communicate in French with confidence, by using language learning strategies introduced in the elementary French Immersion program. Students will enhance their knowledge of the French language through the study of French Canadian literature. They will also increase their understanding and appreciation of diverse French-speaking communities, and will develop skills necessary for lifelong language learning.</p>		
Grade 10		
French Immersion	Academic, IBDPP	FIF2D4
<p>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.</p>		
Prerequisites: FIF1D4		
Grade 11		
French Immersion	University	FIF3U4

This course provides opportunities for students to consolidate the communication skills required to speak and interact with increasing confidence and accuracy in French in a variety of academic and social contexts. Students will apply language-learning strategies while exploring a variety of concrete and abstract topics, and will increase their knowledge of the language through the study of French literature from around the world. They will also continue to deepen their understanding and appreciation of diverse French-speaking communities and to develop the skills necessary to become life-long language learners.

Prerequisite: FIF2D4

Grade 12

French Immersion	University	FIF4U4
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This course provides students with extensive opportunities to communicate, interact, and think critically and creatively in French. Students will consolidate language-learning strategies and apply them while communicating about concrete and abstract topics, and will independently respond to and interact with a variety of oral and written texts. Students will study a selection of French literature from the Middle Ages to the present. 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: FIF3U4,

GUIDANCE AND CAREER EDUCATION

Grade 10

Career Studies	Open, French Immersion	GLC2O1 GLC2OO - online
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This course teaches students how to develop and achieve personal goals for future learning, work, and community involvement. Students will assess their interests, skills and characteristics and investigate current economic and workplace trends, work opportunities and ways to search for work. The course explores postsecondary learning and career options, prepares students for managing work and life transitions, and helps students focus on their goals through the development of a career plan.

Grade 11

Leadership and Peer Support	Open	GPP3O1 GPP3OO - online
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This course prepares students to act in leadership and peer support roles. They will design and implement a plan for contributing to their school and/or community; develop skills in communication, interpersonal relations, teamwork, and conflict management; and apply those skills in leadership and/or peer support roles – for example, as a student council member or a peer tutor. Students will examine group dynamics and learn the value of diversity within groups and communities.

Designing Your Future	Open	GWL3O1 GWL3OO - online
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This course prepares students to make successful transitions to postsecondary destinations as they investigate specific postsecondary options based on their skills, interests, and personal characteristics. Students will explore the realities and opportunities of the workplace and examine factors that affect success, while refining their

job-search and employability skills. Students will develop their portfolios with a focus on their targeted destination and develop an action plan for future success

Grade 12

Navigating the Workplace	Open	GLN4O1 GLN4OO - online
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This course provides students with opportunities to develop the workplace essential skills and work habits required for success in all types of workplaces. Students will explore occupations and careers of interest through participation in real workplace experiences. They will make plans for continued learning and work, work with others to design learning experiences, and investigate the resources and support required to make a smooth transition to their postsecondary destination.

HEALTH AND PHYSICAL EDUCATION

Grade 9

All Gender Personal Fitness Activities	Open	PAF1O1 (all gender)
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This course focuses on the development of a healthy lifestyle and participation in a variety of enjoyable physical activities that have the potential to engage students' interest throughout their lives. Students will be encouraged to develop personal competence in a variety of movement skills through personal and fitness activities (e.g., swimming, archery, badminton, yoga, strength training). They will be given opportunities to practice goal-setting, decision-making, and social and interpersonal skills. Students will also examine issues related to healthy sexuality, healthy eating, and substance use and abuse. Students are required to purchase a PE uniform

Healthy Active Living	Open	PPL1OF (female) PPL1OM (male)
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This course equips students with the knowledge and skills they need to make healthy choices now and lead healthy, active lives in the future. Through participation in a wide range of physical activities, students develop knowledge and skills related to movement competence and personal fitness that provide a foundation for active living. Students also acquire an understanding of the factors and skills that contribute to healthy development and learn how their own well-being is affected by, and affects, the world around them. Students build their sense of self, learn to interact positively with others, and develop their ability to think critically and creatively.

Grade 10

Personal and Fitness Activities	Open	PAF2O1 (all gender)
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This course focuses on the development of a healthy lifestyle and participation in a variety of enjoyable physical activities that have the potential to engage students' interest throughout their lives. Students will be encouraged to develop personal competence in a variety of movement skills through personal and fitness activities (e.g., swimming, archery, badminton, yoga, strength training). They will be given opportunities to practise goal-setting, decision-making, and social and interpersonal skills. Students will also examine issues related to healthy sexuality, healthy eating, and substance use and abuse. Students are required to purchase a PE uniform

Healthy Active Living Education	Open	PPL2OF (female) PPL2OM (male)
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This course emphasizes regular participation in a variety of enjoyable physical activities that promote lifelong healthy active living. Student learning will include the application of movement principles to refine skills; participation in a variety of activities that enhance personal competence, fitness, and health; examination of issues related to healthy sexuality, healthy eating, substance use and abuse; and the use of informed decision-making, conflict resolution, and social skills in making personal choices. Students are required to purchase a PE uniform.

Grade 11

Healthy Living and Outdoor Activities	Open	PAD3O1 (all gender)
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This course focuses on the development of a healthy lifestyle and participation in a variety of outdoor activities that have the potential to engage students' interest throughout their lives. Students will be encouraged to develop personal competence in a variety of movement skills in outdoor activities and learn the guidelines and strategies involved in outdoor activities. Students will also investigate how to maintain physical, social, and emotional health and wellness.

Personal and Fitness Activities	Open	PAF3O1 (all gender)
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This course focuses on personal and fitness activities for the development of a healthy lifestyle and participation in a variety of enjoyable physical activities that have the potential to engage students' interest throughout their lives. Students will be encouraged to develop personal competence in a variety of movement skills and will be given opportunities to practice goal-setting, decision-making, social, and interpersonal skills. Students will also study the components of healthy relationships, reproductive health, mental health, and personal safety.

Healthy Active Living Education	Open	PPL3O1 (all gender) PPL3OF (female only)
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This course focuses on the development of a healthy lifestyle and participation in a variety of enjoyable physical activities that have the potential to engage students' interest throughout their lives. Students will be encouraged to develop personal competence in a variety of movement skills and will be given opportunities to practise goal-setting, decision-making, social, and interpersonal skills. Students will also study the components of healthy relationships, reproductive health, mental health, and personal safety.

Health For Life - Online Course Only	Open	PPZ3OO - online
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This online course helps students develop a personalized approach to healthy living. Students will examine the factors that affect their own health and the health of individuals as members of the community. They will learn about the components of the vitality approach to healthy living – an initiative that promotes healthy eating, an active lifestyle, and a positive self-image. Throughout this course, students will develop the skills necessary to take charge of and improve their own health, as well as to encourage others to lead healthy lives.

Grade 12

Recreation and Fitness Leadership	University/College	PLF4M1 (all gender)
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This course focuses on the development of leadership and coordination skills related to recreational activities. Students will acquire the knowledge and skills required to plan, organize, and implement recreational events. They will also learn how to promote the value of physical fitness, personal well-being, and personal safety to others through mentoring. The course will prepare students for college programs in recreational, leisure, and fitness leadership. Course fee: Dependent on activities and field trips undertaken.

Prerequisite: Any Grade 11 or 12 course in Health and Physical Education

Healthy Active Living Education	Open	PPL4O1 (all gender)
This course focuses on the development of a personalized approach to healthy active living through participation in a variety of sports and recreational activities that have the potential to engage students' interest throughout their lives. Students will develop and implement personal physical fitness plans. In addition, they will be given opportunities to refine their decision-making, conflict-resolution, and interpersonal skills, with a view to enhancing their mental health and their relationships with others. Fees will be charged on a per activity basis when using community facilities.		

Introductory Kinesiology	University	PSK4U1 PSK4UO - online
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This course focuses on the study of human movement and of systems, factors, and principles involved in human development. Students will learn about the effects of physical activity on health and performance, the evolution of physical activity and 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.

Prerequisite: Any Grade 11 or 12 course in Health and Physical Education or a Grade 11 university or university/college preparation course. Science is highly recommended.

LEARNING SERVICES

Grades 9-12

GDHS offers a variety of programs and services designed to meet the educational needs of students who learn differently. The purpose of these programs is to assist students to derive the maximum benefit from their secondary school experiences.

This Learning Strategies course helps students improve their learning and achievement in school by becoming better, more independent learners. Curriculum includes developing literacy and numeracy skills, personal management skills, interpersonal and teamwork skills, etc. There are 3 Learning Strategies courses to select from:

Learning Strategies - All Subject Support	Open	GLE1O1, GLS1O1, GLE2O1, GLE3O1, GLE4O1, GLS4O1
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- Student with an IEP select GLE1O1/2O1/3O1/4O1 Students without an IEP select GLS1O1/4O1
- Student struggles with literacy/numeracy skills and learning skills such as organization, time management, responsibility, etc.
- Subject support available during class time

Learning Strategies - ASD/NLD Support	Open	GLE1OA, GLE2OA, GLE3OA, GLE4OA
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- Student has an IEP and has been diagnosed with Autism Spectrum Disorder (ASD)
- Program emphasis on strategies to support ASD behaviour and social skills development
- Option to take one semester or full year

MATHEMATICS

Grade 9		
Foundations of Mathematics	Locally Developed	MAT1L9
<p>This is a locally developed compulsory mathematics course for students in the Locally Developed Program. Students develop mathematical ideas through applications, technology and hands-on activities. Analytic geometry, measurement and problem-solving are investigated. Opportunities to consolidate basic arithmetic are provided.</p>		
Mathematics (de-streamed)	De-streamed, Gifted, IBDPP	MTH1W1, MTH1W5, MTH1WB
<p>This course enables students to consolidate, and continue to develop, an understanding of mathematical concepts related to number sense and operations, algebra, measurement, geometry, data, probability, and financial literacy. Students will use mathematical processes, mathematical modelling, and coding to make sense of the mathematics they are learning and to apply their understanding to culturally responsive and relevant real-world situations. Students will continue to enhance their mathematical reasoning skills, including proportional reasoning, spatial reasoning, and algebraic reasoning, as they solve problems and communicate their thinking.</p>		
Grade 10		
Math	Locally Developed	MAT2L9
<p>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 Workplace Preparation courses. The course is organized by 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.</p>		
Prerequisite: MAT1L9		
Foundations of Mathematics	Applied	MFM2P1
<p>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.</p>		
Prerequisite: MTH1W1 or MFM1P1		
Principles of Mathematics	Academic, IBDPP	MPM2D1, MPM2D5, MPM2DB
<p>This course enables students to broaden their understanding of relationships and extend their problem-solving and algebraic skills through investigation, the effective use of technology, and abstract reasoning. Students will explore quadratic relationships and their applications; solve and apply linear systems; verify properties of geometric figures using analytic geometry; and investigate the trigonometry of right and acute triangles. Students will reason mathematically as they solve multistep problems and communicate their thinking.</p>		
Prerequisite: MTH1W1 for Academic, MTH1W5 for Gifted, or MTH1WB for ALP		

Grade 11

Foundations for College Mathematics	College	MBF3C1 MBF3CO - online
<p>This course enables students to broaden their understanding of mathematics as a problem-solving tool in the real world. Students will extend their understanding of quadratic relations, as well as of measurement and geometry; investigate situations involving exponential growth; solve problems involving compound interest; solve financial problems connected with vehicle ownership; and develop their ability to reason by collecting, analyzing, and evaluating data involving one and two variables. Students will consolidate their mathematical skills as they solve problems and communicate their thinking.</p>		
Prerequisite: MFM2P1		
Functions and Applications	University/College	MCF3M1 MCF3M1 - online
<p>This course introduces basic features of the function by extending students' experiences with quadratic relations. It focuses on quadratic, trigonometric, and exponential functions and their use in modelling real-world situations. Students will represent functions numerically, graphically, and algebraically; simplify expressions; solve equations; and solve problems relating to financial and trigonometric applications. Students will reason mathematically and communicate their thinking as they solve multi-step problems.</p>		
Prerequisite: MPM2D or MFM2P1		
Functions	University, Gifted	MCR3U1, MCR3U5 MCR3UO - online
<p>This course introduces the mathematical concept of the function by extending students' experiences with linear and quadratic relations. Students will investigate properties of discrete and continuous functions, including trigonometric and exponential functions; represent functions numerically, algebraically, and graphically; solve problems involving applications of functions; and develop facility in simplifying polynomial and rational expressions. Students will reason mathematically and communicate their thinking as they solve multi-step problems.</p>		
Prerequisite: MPM2D1 for Academic, MPM2D5 for Gifted		
IBDPP Functions, IB Preparation	IBDPP, University IB Preparation	MCR3UB
<p>This course introduces the mathematical concept of the function by extending students' experiences with linear and quadratic relations. Students will investigate properties of discrete and continuous functions, including trigonometric and exponential functions; represent functions numerically, algebraically, and graphically; solve problems involving applications of functions; investigate inverse functions; and develop facility in determining equivalent algebraic expressions. Students will reason mathematically and communicate their thinking as they solve multi-step problems.</p>		
Prerequisite: MPM2DB		
Mathematics for Work and Everyday Life	Workplace	MEL3E1 MEL3EO - online
<p>This course enables students to broaden their understanding of mathematics as it is applied in the workplace and daily life. 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. Students will consolidate their mathematical skills as they solve problems and communicate their thinking.</p>		
Prerequisite: MAT2L9		

Grade 12

Foundations for College Mathematics	College	MAP4C1 MAP4CO - online
<p>This course enables students to broaden their understanding of real-world applications of mathematics. Students will analyze 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.</p>		
Prerequisite: MBF3C1 or MCF3M1		
Mathematics for College Technology	College	MCT4C1 MCT4CO - online
<p>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.</p>		
Prerequisite: MCF3M1		
Calculus and Vectors	University	MCV4U1 MCV4UO - online
<p>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 choose to pursue careers in fields such as science, engineering, economics, and some areas of business, including those students who will be required to take a university-level calculus, linear algebra, or physics course.</p>		
Note: MHF4U1 must be taken prior to, or concurrently with, Calculus and Vectors MCV4U1		
Math, IB Part 2	Standard Level	MCV4UB
<p>This course focuses on introducing important mathematical concepts through the development of mathematical techniques. Students will apply the mathematical knowledge they have acquired to solve realistic problems set in an appropriate context. This subject will prepare students for further studies at university in the sciences, engineering, mathematics, computer science, business, or economics. Major assessments that will be examined or moderated externally include a written examination and a portfolio of mathematical investigations.</p>		
Prerequisite: MHF4UB		
Mathematics of Data Management	University	MDM4U1 MDM4UO - online
<p>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.</p>		

Prerequisite: MCF3M1 or MCR3U1		
Mathematics for Work and Everyday Life	Workplace	MEL4E1 MEL4EO - online
<p>This course enables students to broaden their understanding of mathematics as it is applied in the workplace and daily life. Students will investigate questions involving the use of statistics; apply the concept of probability to solve problems involving 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.</p>		
Prerequisite: MEL3E1		
Advanced Functions	University	MHF4U1 MHF4UO - online
<p>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.</p>		
Prerequisite: MCR3U1 or MCT4C1		
Math, IB Part 1	Standard Level	MHF4UB
<p>This course focuses on introducing important mathematical concepts through the development of mathematical techniques. Students will apply the mathematical knowledge they have acquired to solve realistic problems set in an appropriate context. This subject will prepare students for further studies at university in the sciences, engineering, mathematics, computer science, business, or economics.</p>		
Prerequisite: MCR3UB		
SCIENCE		
Grade 9		
Science (de-streamed)	De-Streamed, French Immersion, Gifted, ALP	SNC1W1, SNC1W4, SNC1W5, SNC1WB
<p>This course enables students to develop their understanding of concepts related to biology, chemistry, physics, and earth and space science, and to relate science to technology, society, and the environment. Throughout the course, students will develop and refine their STEM skills as they use scientific research, scientific experimentation, and engineering design processes to investigate concepts and apply their knowledge in situations that are relevant to their lives and communities. Students will continue to develop transferable skills as they become scientifically literate global citizens.</p>		
Science	Locally Developed	SNC1L9
<p>This is a locally developed compulsory science course for students that reinforces and strengthens science-related knowledge and skills, including scientific inquiry, critical thinking and the relationship between science, society, and the environment. This course also prepares students for success in everyday life and in the workplace. Students explore a range of topics from many areas of science including biology, chemistry, earth and space science and physics. Students have the opportunity to extend mathematical and scientific process skills and</p>		

to continue developing their skills in reading, writing, and oral language through relevant and practical science activities.

Grade 10

Science	Academic, Gifted, ALP	SNC2D1, SNC2D5, SNC2DB
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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: SNC1W1 for Academic/Gifted, SNC1WB for ALP

Science	Applied	SNC2P1
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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: SNC1L1

Grade 11

Biology	College	SBI3C1 SBI3CO - online
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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: SNC2P1

Biology	University	SBI3U1 SBI3UO - online
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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: SNC2D1

Biology, IB Part 1	Higher Level	SBI3UB
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Part one of Biology develops students' understanding of the four basic biological concepts of structure and function, universality versus diversity, equilibrium within systems, and evolution. The focus is on the scientific method including the design and implementation of controlled investigations, collection and interpretation of data, and the communication of scientific ideas. Theoretical and experimental interconnections between chemistry,

biology, and physics will be addressed in the core topics and themes. Students will be encouraged to examine and evaluate the key roles of biology in the global community.

Prerequisite: SNC2D1, SNC2D5, or SNC2DB

Chemistry	University	SCH3U1 SCH3UO - online
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This course enables students to deepen their understanding of chemistry through the study of the properties of chemicals and chemical bonds; chemical reactions and quantitative relationships in those reactions; solutions and solubility; and atmospheric chemistry and the behaviour of gases. Students will further develop their analytical skills and investigate the qualitative and quantitative properties of matter, as well as the impact of some common chemical reactions on society and the environment.

Prerequisite: SNC2D1

Chemistry, IB Part 1	Higher Level	SCH3UB
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Part one focuses on the scientific method including the design and implementation of controlled investigations, collection and interpretation of data, and the communication of scientific ideas. Core units include atomic theory, bonding, stoichiometry, energetics, and electrochemistry. Theoretical & experimental interconnections between chemistry, biology & physics will be addressed in the core topics and especially in the optional topic of Materials Chemistry.

Prerequisite: SNC2D1, SNC2D5, or SNC2DB

Physics	University	SPH3U1
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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 analyze the interrelationships between physics and technology, and consider the impact of technological applications of physics on society and the environment.

Prerequisite: SNC2D1

Environmental Science	Workplace	SVN3E1
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This course provides students with the fundamental knowledge of and skills relating to environmental science that will help them succeed in work and life after secondary school. Students will explore a range of topics, including the impact of human activities on the environment; human health and the environment; energy conservation; resource science and management; and safety and environmental responsibility in the workplace. Emphasis is placed on relevant, practical applications and current topics in environmental science, with attention to the refinement of students' literacy and mathematical literacy skills as well as the development of their scientific and environmental literacy.

Prerequisite: SNC1L9

Environmental Science	University/College	SVN3M1 SVN3MO - online
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This course provides students with the fundamental knowledge of and skills relating to environmental science that will help them succeed in life after secondary school. Students will explore a range of topics, including the role of science in addressing contemporary environmental challenges; the impact of the environment on human health; sustainable agriculture and forestry; the reduction and management of waste; and the conservation of energy. Students will increase their scientific and environmental literacy and examine the interrelationships between science, the environment, and society in a variety of areas.

Prerequisite: SNC2D1 or SNC2P1

Grade 12

Biology	University	SBI4U1 SBI4UO - online
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: SBI3U1
Biology, IB Part 3	Higher Level	SBI4UB
Part 3 furthers students' understanding of the four basic biological concepts of structure and function, universality versus diversity, equilibrium within systems, and evolution. The focus is on the scientific method including the design and implementation of controlled investigations, collection and interpretation of data, and the communication of scientific ideas. Theoretical and experimental interconnections between chemistry, biology, and physics will be addressed in the core topics and themes. Major assessments to be examined or moderated externally include a written examination and a Group 4 Research Project. The Group 4 Project is an opportunity for students to complete an experimental project that models cross-curricular research and the collaboration that exists amongst the international scientific community.		
		Prerequisite: SNC4MB
Chemistry	College	SCH4C1 SCH4CO - online
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: SNC2D1 or SNC2P1
Chemistry	University	SCH4U1 SCH4UO - online
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: SCH3U1
Chemistry, IB Part 3	Higher Level	SCH4UB
Part three will provide students an opportunity to extend their knowledge of topics studied thus far in Chemistry. This includes interpretation of analytical spectra, advanced understanding of analytical techniques, the planning and execution of an independent chemical investigation and an externally moderated writing of three examinations. This is Part 3 of 3 higher level chemistry.		
		Prerequisite: SNC4MC

Earth and Space Science	University	SES4U1 SES4UO - online
<p>This course develops students' understanding of Earth and its place in the universe. Students will investigate the properties of and forces in the universe and solar system and analyze techniques scientists use to generate knowledge about them. Students will closely examine the materials of Earth, its internal and surficial processes, and its geological history, and will learn how Earth's systems interact and how they have changed over time. Throughout the course, students will learn how these forces, processes, and material affect their daily lives. The course draws on biology, chemistry, physics, and mathematics in its consideration of geological and astronomical processes that can be observed directly or inferred from other evidence.</p>		
Prerequisite: SNC2D1		
Science	University/College	SNC4M1
<p>This course enables students, including those pursuing post-secondary programs outside the sciences, to increase their understanding of science and contemporary social and environmental issues in health-related fields. Students will explore a variety of medical technologies, pathogens and disease, nutritional science, public health issues, and biotechnology. The course focuses on the theoretical aspects of the topics under study and helps refine students' scientific investigation skills.</p>		
Prerequisite: SNC2D1, or any Grade 11 university, university/college or college preparation course in science.		
Biology, IB Part 2	Higher Level	SNC4MB
<p>Part two of the three-semester Biology furthers students' understanding of the four basic biological concepts of structure and function, universality versus diversity, equilibrium within systems, and evolution. The focus is on the scientific method including the design and implementation of controlled investigations, collection and interpretation of data, and the communication of scientific ideas. Theoretical and experimental interconnections between chemistry, biology, and physics will be addressed in the core topics and themes. Students will be encouraged to examine and evaluate the key roles of biology in the global community.</p>		
Prerequisite: SBI3UB		
Chemistry, IB Part 2	Higher Level	SNC4MC
<p>Part two will enable students to deepen their understanding of chemistry and provide a solid experimental foundation for future study. The focus is on the scientific method including the design and implementation of controlled investigations, collection and interpretation of data, and the communication of scientific ideas. Core units include kinetics, equilibrium, acids and bases, and organic chemistry. Theoretical & experimental interconnections between chemistry, biology & physics will be addressed in the core topics and especially in the optional topic of Materials Chemistry. Students will complete a Group 4 Research Project. This is part two of three of higher level chemistry.</p>		
Prerequisite: SCH3UB		
Physics	College	SPH4C1 SCH4CO - online
<p>This course develops students' understanding of the basic concepts of physics. Students will explore these concepts with respect to motion; mechanical, electrical, electromagnetic, energy transformation, hydraulic, and pneumatic systems; and the operation of commonly used tools and machines. They will develop their scientific investigation skills as they test laws of physics and solve both assigned problems and those emerging from their investigations. Students will also consider the impact of technological applications of physics on society and the environment.</p>		
Prerequisite: SNC2D1 or SNC2P1		
Physics	University	SPH4U1

This course enables students to deepen their understanding of physics concepts and theories. Students will continue their exploration of energy transformations and the forces that affect motion, and will investigate electrical, gravitational, and magnetic fields and electromagnetic radiation. Students will also explore the wave nature of light, quantum mechanics, and special relativity. They will further develop their scientific investigation skills, learning, for example, how to analyze, qualitatively and quantitatively, data 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: SPH3U1

SOCIAL SCIENCES AND HUMANITIES

Grade 9

Exploring Family Studies	Open	HIF1O1
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This course explores, within the context of families, some of the fundamental challenges people face: how to meet basic needs, how to relate to others, how to manage resources, and how to become responsible members of society. Students will explore adolescent development and will have opportunities to develop interpersonal, decision-making, and practical skills related to daily life. They will learn about the diverse ways in which families function in Canada and will use research skills as they explore topics related to individual and family needs and resources.

Grade 10

Food and Nutrition	Open	HFN2O1
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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.

Grade 11

Housing and Home Design	Open	HLS3OO online only
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This course introduces students to a range of issues related to housing and home design. Students will learn about the needs that housing fulfills; housing options; home maintenance and safety; and environmental, economic, legal, and social considerations related to housing. They will use the elements and principles of design to analyze design and decorating decisions. Students will develop research skills as they investigate issues related to housing and home design.

Understanding Fashion	College	HNC3C1
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This course introduces students to the world of fashion. Students will gain an understanding of the theories related to fashion trends and how culture, media, fashion cycles, retailing, and social and environmental factors influence fashion trends and consumer behaviour. Students will use various tools, technologies, and techniques safely and correctly to create fashion items. They will apply knowledge of fibres, fabrics, and the elements and principles of design when creating and assessing fashion-related products. Students will develop research skills as they investigate topics related to fashion.

Raising Healthy Children	Open	HPC3O1
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.		
Working With Infants and Young Children	College	HPW3CO online only
This course prepares students for occupations involving children from birth to six years of age. Students will study theories about child behaviour and development, and will have opportunities for research and observation and for practical experiences with young children. Students will become familiar with occupational opportunities and requirements related to working with infants and young children. They will also have opportunities to develop research and critical-thinking skills as they investigate and evaluate current research about early childhood education.		
World Religions and Belief Traditions: Perspectives, Issues, and Challenges	University/College	HRT3M1 HRT3MO - online
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.		
Introduction to Anthropology, Psychology, Sociology	College	HSP3C1
This course introduces students to theories, questions, and issues related to anthropology, psychology, and sociology. Students will 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.		
Introduction to Anthropology, Psychology, Sociology	University	HSP3U1 HSP3UO - online
This course provides students with opportunities to think critically about theories, questions, and issues related to anthropology, psychology, and sociology. Students will develop an understanding of the approaches and research methods used by social scientists. They will be given opportunities to explore theories from a variety of perspectives, to conduct social science research, and to become familiar with current thinking on a range of issues within the three disciplines.		
Prerequisite: ENG2D1 or CHC2D1		
IB Psychology - Part 1	University	HSP3UB
At the core of the DP psychology course is an introduction to three different approaches to understanding behaviour: the biological, cognitive and sociocultural approaches. Students study and critically evaluate the knowledge, concepts, theories and research that have developed the understanding in these fields. The interaction of these approaches to studying psychology forms the basis of a holistic and integrated approach to understanding mental processes and behaviour as a complex, dynamic phenomenon, allowing students to appreciate the diversity as well as the commonality between their own behaviour and that of others. The contribution and the interaction of the three approaches is understood through the four options in the course,		

focusing on areas of applied psychology: abnormal psychology, developmental psychology, health psychology, and the psychology of relationships. The options provide an opportunity to take what is learned from the study of the approaches to psychology and apply it to specific lines of inquiry.

Prerequisite: ENG2D or CHC2D

Current Aboriginal Issues in Canada	University/College	NDA3M1
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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: CHC2D1 or CHC2P1

Grade 12

Nutrition and Health	College	HFA4C1
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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, university/college, or college preparation course in social sciences and humanities, English, or Canadian and World Studies

Nutrition and Health	University	HFA4U1 HFA4UO - online
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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

Human Development throughout the Lifespan	University/College	HHG4MO - online
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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 or university/college preparation course in social sciences and humanities, English, or Canadian and World Studies

Families in Canada	College	HHS4C1 HHS4CO - online
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This course enables students to develop an understanding of social science theories as they apply to individual development, the development of intimate relationships, and family and parent-child relationships. Students will explore a range of issues relating to the development of individuals and families in contemporary Canadian society

as well as in other cultures and historical periods. They will develop the investigative skills required to conduct research on individuals, intimate relationships, and parent-child roles and relationships in Canada.

Prerequisite: Any university, college or university/college preparation course in social sciences and humanities, English, or Canadian and World Studies

Families in Canada	University	HHS4U1 HHS4UO - online
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This course enables students to draw on sociological, psychological and anthropological theories and research to analyse the development of individuals, intimate relationships, and family and parent-child relationships. Students will focus on issues and challenges facing individuals and families in Canada's diverse society. They will develop analytical tools that enable them to assess various factors affecting families and to consider policies and practices intended to support families in Canada. They will develop the investigative skills required to conduct and communicate the results of research on individuals, intimate relationships, and parent-child relationships.

Prerequisite: Any university or university/college preparation course in social sciences and humanities, English, or Canadian and World Studies

The Fashion Industry	University	HNB4M1
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This course gives students the opportunity to explore the world of fashion. Students will learn how to create a fashion product using various tools, techniques and technologies while developing their practical skills. Students will learn about various factors that affect the global fashion industry, the needs of specialized markets, and the impact of fibre and fabric production and care. In addition, they will learn about social and historical influences on fashion. Students will apply research skills when investigating aspects of the fashion world.

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

Challenge and Change in Society	University	HSB4U1 HSB4UO - online
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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 analyze how and why cultural, social, and behavioural patterns change over time. They will explore the ideas of social theorists and use those ideas to analyse causes of and responses to challenges such as technological change, deviance, and global inequalities. Students will explore ways in which social science research methods can be used to study social change.

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

Equity and Social Justice: From Theory to Practice	University	HSE4M1 HSE4MO - online
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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

Philosophy: Questions and Theories	University	HZT4U1 HZT4UO - online
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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

Theory of Knowledge	IB Course	HZT4UB
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This IB course delivers the Theory of Knowledge component. It examines how we know what we claim to know, by making connections between a critical approach to the construction of knowledge, the academic disciplines and the wider world. Students in this course will develop an awareness of how individuals and communities construct knowledge, the richness of cultural perspectives that exist in the world, and critically reflect on their own beliefs and assumptions. With a focus on essay writing and oral arguments, students will study a variety of 'Ways of Knowing', including language, sense perception, emotion, and reason, as well as explore the 'Areas of Knowledge' including mathematics, natural sciences, human sciences (politics, economics, sociology), history, ethics, art, religion. There is a fee for this IB course and it may not be used as a deciding factor for non-IB diploma students to remain in IB courses that have reached maximum size. Fee \$100 for students already enrolled in an IB course (excluding diploma students), \$300 for students not enrolled in any IB courses.

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

TECHNOLOGICAL EDUCATION

Grade 9

Integrated Technologies	Open	TAS1O - see below
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This hands-on course enables students to further explore the engineering design process and develop other technological knowledge and skills introduced in earlier grades. Students will design and safely create prototypes, products, and/or services, working with tools and technologies from various industries. As students develop their projects to address real-life problems, they will apply technological concepts such as precision measurement, as well as health and safety standards. Students will begin to explore job skills programs and education and training pathways, including skilled trades, that can lead to a variety of careers.

Students will select one of the following emphasis combination courses:

- **TAS1OA: Automotive/Woodshop Emphasis**
 - Automotive: Learn service procedures related to different modes of transportation
 - Woodshop: Design and build various projects using wood
- **TAS1OB: Automotive/Precision Machining Emphasis**
 - Automotive: Learn service procedures related to different modes of transportation
 - Precision Machining: Manual and Computer Numerical Control (CNC) milling machines and lathes are used to make projects out of metal, (ex: pens)
- **TAS1OD: Technological Design/Communications Technology Emphasis**
 - Technological Design: Create and design models of homes, vehicles, etc. using computer software
 - Communications Technology: Computer based activities that may include editing photos, designing web pages, developing animation, etc.

- **TAS10F: Female Technology Trades Rotation**

- This course is geared towards female identifying and/or marginalized gendered students. Students will experience a rotation of a variety of technology areas, such as transportation, manufacturing, woodshop, chef training, among others
- This course is designed so that female identifying and/or marginalized gendered students may develop skills related to the various technological education areas

Exploring Computer Technology - Robotics Emphasis	Open	TEJ1O1
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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.

Exploring Hairstyling and Aesthetics (Cosmetology)	Open	TXJ1O1
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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.

Grade 10		
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Construction Technology - Woodworking	Open	TCJ2O1
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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.

Technological Design	Open	TDJ2O1
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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.

Exploring Computer Technology	Open	TEJ2O1
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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.

Hospitality and Tourism - Chef Training	Open	TFJ2O1
This course provides students with opportunities to explore different areas of hospitality and tourism, as reflected in the various sectors of the tourism industry, with an emphasis on food service. Students will study culinary techniques of food handling and preparation, health and safety standards, the use of tools and equipment, the origins of foods, and event planning, and will learn about tourism attractions across Ontario. Students will develop an awareness of related environmental and societal issues and will explore secondary and postsecondary pathways leading to careers in the tourism industry.		
Communications Technology	Open	TGJ2O1 TGJ2OO - online
This course introduces students to communications technology from a media perspective. Students will work in the areas of TV/video and movie production, radio and audio production, print and graphic communications, photography, and animation. Student projects may include computer-based activities such as creating videos, editing photos, working with audio, cartooning, developing animations, and designing web pages. Students will also develop an awareness of environmental and societal issues related to communications technology and explore secondary and postsecondary education and training pathways and career opportunities in the various communications technology fields.		
Manufacturing Technology - Welding	Open	TMJ2O1
This project-based course introduces students to the scope of the manufacturing industry, the various components used in the design of products, the industrial tools and equipment used, and methods of manufacturing, including assembly-line production. Students will learn about technical drawing; preparation processes; welding techniques; power, electronic, and quality control systems; careers in the manufacturing and welding fields and the role of entrepreneurs in Canadian society.		
Transportation Technology - Automotive	Open	TTJ2OA
This course requires students to build projects and to learn service procedures related to different modes of transportation. Students will learn about support systems for transporting people and products; measurement systems and methods; the analysis, design, and construction of a system to convert and make practical use of energy; the function of major vehicle system components; the impact of transportation systems on the environment; communication skills; and transportation-related careers.		
Transportation Technology - Small Engines	Open	TTJ2OD
This course requires students to build projects and to learn service procedures related to different modes of transportation. Students will learn about support systems for transporting people and products; measurement systems and methods; the analysis, design, and construction of a system to convert and make practical use of energy; communication skills; and transportation-related careers.		
Hairstyling and Aesthetics	Open	TXJ2O1
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.		
Grade 11		

Construction Technology - Electrical/Network Cabling	Workplace	TCE3E1
This course focuses on the development of knowledge and skills related to the electrical industry. Students will gain hands-on experience using a variety of electrical materials, processes, tools, and equipment; learn about building design and planning construction projects; create and interpret working drawings and sections; and learn how the Ontario Building Code and other regulations and standards apply to electrical projects. Students will also develop an awareness of environmental and societal issues related to the electrical industry, and will explore career opportunities in the field.		
Construction Engineering Technology - Building Construction	College	TCJ3C1
This course focuses on the development of knowledge and skills related to residential construction. Students will gain hands on experience using a variety of construction materials, processes, tools, and equipment; learn about building design and planning construction projects; create and interpret working drawings and sections; and learn how the Ontario Building Code and other regulations and standards apply to construction projects. Students will also develop an awareness of environmental and societal issues related to construction technology, and explore career opportunities in the field.		
Construction Technology - Building Construction	Workplace	TCJ3E1
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, layout, 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.		
Technological Design - Architecture	University/College	TDA3M1
This course provides students with opportunities to apply the principles of technological design to challenges in communications, manufacturing, electronics, transportation, architecture, industrial and consumer products, health and safety equipment, and environmental services. Students will identify user needs, estimate labour and material costs, analyze material characteristics, and illustrate design solutions, using traditional and computer-based methods. They will also acquire the basic design skills required for postsecondary studies in engineering, manufacturing, architecture, and construction.		
Technological Design - Interior Design	University/College	TDV3M1
This course will introduce students to the principles and elements of design in the painting and decorating and interior design and decorating fields. Students will develop problem solving and design skills as well as practical skills through the completion of projects focusing on residential, space planning, colour psychology and commercial painting and decorating. They will also become aware of consumer, business and environmental issues in the development and marketing of products and services and explore the educational requirements of painting and decorating careers.		
Computer Technology	Workplace	TEJ3E1
This course enables students to develop knowledge and skills related to computer hardware, networks, operating systems, and other software. Students will use utility and application software and learn proper procedures for installing, maintaining, and troubleshooting computer systems and networks. Students will develop an awareness of environmental and societal issues related to the use of computers, and will learn about apprenticeships and		

other employment opportunities in the field of computer technology that they may choose to pursue after graduation.

Computer Engineering Technology	University/College	TEJ3M1
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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.

Robotics and Control Systems	University/College	TER3M1
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This course examines computer systems and control of external devices. Particular emphasis is placed upon robotic control systems. 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.

Hospitality and Tourism - Baking	Workplace	TFB3E2 - 2 credits
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This focus course enables students to acquire knowledge and skills related to the baking and pastry chef services sector of the tourism industry. Students will learn how to prepare, present, and serve baking products 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 baking and pastry chef services sector.

Hospitality and Tourism - SHSM Chef Training	College	TFR3CS
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This course enables students registered in the Hospitality and Tourism Specialist High Skills Major program to develop or expand knowledge and skills related to hospitality and tourism, as reflected in the various sectors of the tourism industry. Students will learn about preparing and presenting food, evaluating facilities, controlling inventory, and marketing and managing events and activities, and will investigate customer service principles and the cultural and economic forces that drive tourism trends. Students will develop an awareness of health and safety standards, environmental and societal issues, and career opportunities in the tourism industry.

Hospitality and Tourism - Chef Training	College	TFJ3C1 - 1 credit TFJ3C2 - 2 credits
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This course enables students to develop or expand knowledge and skills related to hospitality and tourism, as reflected in the various sectors of the tourism industry. Students will learn about preparing and presenting food, evaluating facilities, controlling inventory, and marketing and managing events and activities, and will investigate customer service principles and the cultural and economic forces that drive tourism trends. Students will develop an awareness of health and safety standards, environmental and societal issues, and career opportunities in the tourism industry.

Print and Graphic Communication	University/College	TGG3M1
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Do you love cartoons and animation? Students will complete a series of animated sequences by exploring the basic principles of the animation process. They will learn basic character design and how to set a character in

motion using traditional techniques as well as computer animation software. The basic principles of graphic design will be developed with a focus on creativity and the use of computer aided design software. Typical projects include corporate identities and desktop CD calendars. Students may produce a personal portfolio of design studies and finished projects. This course is well suited to anyone interested in pursuing graphic design or animation at the college level, or those who want to exercise their creative side.

Communications Technology	University/College	TGJ3M1
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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.

Photography and Digital Imaging (Yearbook)	University/College	TGP3M1
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This course will help students create informative print media products for school and community audiences in diverse formats (e.g. yearbook layouts and articles, newspapers, photojournalism). Students will investigate sources of information and compare differing perspectives on key issues, developing both a sense of news and news judgment. They will also learn editorial conventions and practices, principles of print design, and management skills, and will explore legal and ethical uses of information that is made public, as well as journalism careers.

Communications Technology - TV, Video, Movie Production	University/College	TGV3M1 TGV3MO - online
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This course emphasizes television, movie and video production. Students will develop knowledge and skills as they design and produce various projects, both live and recorded. These areas may include TV, video, and movie production, both dramatic and documentary; audio production; and broadcast journalism. Students will explore many facets of production including script writing, storyboarding, cinematography, lighting, sound, editing, DVD authoring, as well as acting for film and a study of the various genres of film and television. 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.

Manufacturing Technology - Precision Machining	College	TMJ3C1
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This course enables students to develop knowledge and skills through hands-on, project-based learning. Students will acquire design, fabrication, and problem-solving skills while using tools and equipment such as lathes, mills, welders, computer-aided machines, robots, and control systems. Students may have opportunities to obtain industry-standard certification and training. Students will develop an awareness of environmental and societal issues related to manufacturing and will learn about pathways leading to careers in the industry.

Manufacturing Technology - Welding	Workplace	TMJ3E1
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This hands-on, project-based course is designed for students planning to enter an occupation or apprenticeship in manufacturing directly after graduation. Students will work on a variety of manufacturing projects, developing knowledge and skills in design, fabrication, and problem solving and using tools and equipment such as engine lathes, milling machines, and welding machines. In addition, students may have the opportunity to acquire industry standard certification and training. Students will develop an awareness of environmental and societal issues related to manufacturing and will learn about secondary school pathways that lead to careers in the industry.

Manufacturing Technology - Precision Machining	University/College	TMJ3M1
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This course enables students to develop knowledge and skills related to design, process planning, control systems, and quality assurance. Students will use a broad range of tools and equipment and will combine modern manufacturing techniques and processes with computer-aided manufacturing as they develop critical decision-making, problem-solving, and project-management skills. Students will develop an awareness of environmental and societal issues related to manufacturing and will learn about pathways leading to careers in the industry.

Healthcare	University/College	TPM3M1
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This course enables students to develop their understanding of basic health care procedures, including the safe use of appropriate instruments, equipment, and materials. Students will focus on health care fundamentals, including the anatomical features and physiology of the major body systems and the factors that affect homeostasis in the human body. Students will develop an awareness of health and safety issues in the healthcare field, analyse environmental and societal issues related to health care, and learn about professional practice standards and career opportunities in the field.

Prerequisite: none

Transportation Technology - Automotive	College	TTA3C1 - 1 credit TTA3C2 - 2 credits
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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.

Transportation Technology - Small Engine and Recreational Equipment	College	TTS3C1
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This course examines the diverse types of land and marine vehicles and their individual systems found within industries. Students will acquire related trade knowledge and skills by identifying, troubleshooting, repairing, and testing systems as it pertains to industry standards and government regulations. In addition to developing employability and technical skills, they will explore the broad range of career opportunities within this sector. The expectations of this course will be met by emphasizing recreational and power equipment related to the small engine industry.

Custom Woodworking	Workplace	TWJ3E1
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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.

Hairstyling and Aesthetics	Workplace	TXJ3E1
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This course enables students to develop knowledge and skills in cosmetology and offers a variety of applications that will equip students to provide services for a diverse clientele. Students identify trends in the hairstyling and aesthetics industry, learn about related health and safety laws, and expand their communication and interpersonal skills through interactions with peers and clients. Students consider environmental and societal issues related to the industry and acquire a more detailed knowledge of apprenticeships and direct entry work positions.

Grade 12

Construction Technology - Electrical/Network Cabling	Workplace	TCE4E1
<p>This course focuses on the development of knowledge and skills related to the electrical industry. Students will gain hands-on experience using a variety of electrical materials, processes, tools, and equipment; learn about building design and planning construction projects; create and interpret working drawings and sections; and learn how the Ontario Building Code and other regulations and standards apply to electrical projects. Students will also develop an awareness of environmental and societal issues related to the electrical industry, and will explore career opportunities in the field.</p>		
		Prerequisite: TCE3E1
Construction Engineering Technology - Building Construction	College	TCJ4C1
<p>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 explore career opportunities in the field.</p>		
		Prerequisite: TCJ3C1, TCJ3E1, TWJ3E1
Construction Technology - Building Construction	Workplace	TCJ4E1
<p>This course enables students to further develop technical knowledge and skills related to residential construction and to explore light commercial construction. Students will continue to gain hands on experience using a variety of materials, processes, tools, and equipment; create and interpret construction drawings; and learn more about building design and project planning. They will expand their knowledge of terminology, codes and regulations, and health and safety standards related to residential and light commercial construction. Students will also expand their awareness of environmental and societal issues related to construction technology and explore entrepreneurship and career opportunities in the industry that may be pursued directly after graduation.</p>		
		Prerequisite: TCJ3C1, TCJ3E1, TWJ3E1
Technological Design - Architecture	University/College	TDA4M1
<p>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.</p>		
		Prerequisite: TDA3M1 or TDM3M1
Technological Design - Interior Design	University/College	TDV4M1
<p>Learn about colour's fundamental impact on design. Students will gain an understanding of the interior design process from analysis to synthesis. The process of designing involves the study of colour psychology, traffic patterns, interior finishes, as well as fulfilling client needs by developing two and three dimensional presentation drawings for a residential design project. The students will study the functional, psychological and visual impacts</p>		

of lighting, fibre sources, fabric construction, colouring and furniture finishes. Students will produce a personal portfolio of design studies and finished projects.

Prerequisite: TDA3M1 or TDM3M1

Computer Technology	Workplace	TEJ4E1
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This course enables students to further develop their practical understanding of computer hardware, software, networks, and operating systems. Students will use utility and application software, and will follow proper procedures for installing, maintaining, and troubleshooting computer systems and networks. In addition to demonstrating an understanding of the ethical use and environmental effects of computers, students will develop marketable skills and assess career opportunities in the field.

Prerequisite: TEJ3E1

Computer Engineering	University/College	TEJ4M1
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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: TEJ3M1

Hospitality and Tourism - Baking	Workplace	TFB4E2 - 2 credits
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This focus course enables students to further develop knowledge and skills related to the baking and pastry chef services sector of the tourism industry. Students will demonstrate proficiency in using food preparation and presentation tools and equipment; create recipes, and prepare and present finished baking products; develop customer service skills; and explore event and activity planning. Students will expand their awareness of health and safety practices, environmental and societal issues, and career opportunities in the baking and pastry chef services sector.

Prerequisite: TFB3E2

Hospitality and Tourism - Chef Training	College	TFJ4C1 - 1 credit TFJ4C2 - 2 credits
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This course enables students to further develop knowledge and skills related to the various sectors of the tourism industry. Students will demonstrate advanced food preparation and presentation skills; increase health and wellness knowledge; develop tourism administration and management skills; design and implement a variety of events or activities; and investigate principles and procedures that contribute to high-quality customer service. Students will expand their awareness of health and safety issues, environmental and societal issues, and career opportunities in the tourism industry.

Prerequisite: TFJ3C1, TFJ3C2, or TFJ3CS

Hospitality and Tourism - SHSM Chef Training	College	TFR4CS
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This course enables students registered in the Hospitality and Tourism Specialist High Skills Major program to further develop knowledge and skills related to the various sectors of the tourism industry. Students will demonstrate advanced food preparation and presentation skills; increase health and wellness knowledge; develop tourism administration and management skills; design and implement a variety of events or activities; and investigate principles and procedures that contribute to high-quality customer service. Students will expand their awareness of health and safety issues, environmental and societal issues, and career opportunities in the tourism industry.

Prerequisite: TFJ3C1, TFJ3C2, or TFJ3CS

Print and Graphic Communication	University/College	TGG4M1
<p>This course provides students with the opportunity to apply the principles and elements of design to the challenges of graphic design. Students will develop problem solving and design skills through the analysis and creation of graphics using computer design software. Examples of projects include, posters, dynamic web pages, menu and restaurant identities, postcards, product packaging and personal biography pages. Among others, subjects such as unity, rhythm, balance, emphasis, gestalt, creative use of typography and designing for print vs. the web will be explored. Students will become aware of graphic design careers and how to produce a professional portfolio of their work. This course is an excellent choice for anyone interested in pursuing design at the college level, or for anyone wishing to exercise their creative muscles.</p>		
Prerequisite: TGG3M1, TGJ3M1, or TGV3M1		
Communication Technology	University/College	TGJ4M1
<p>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.</p>		
Prerequisite: TGG3M1, TGJ3M1, or TGV3M1		
Photography and Digital Imaging (Yearbook)	University/College	TGP4M1
<p>This course will help students create informative print media products for school and community audiences in diverse formats (e.g. yearbook layouts and articles, newspapers, photojournalism). Students will investigate sources of information and compare differing perspectives on key issues, developing both a sense of news and news judgment. They will also learn editorial conventions and practices, principles of print design, and management skills, and will explore legal and ethical uses of information that is made public, as well as journalism careers.</p>		
Prerequisite: TGG3M1, TGJ3M1, TGV3M1 or TGP3M1		
Dual Credit Offering: Landscaping and Horticultural and Sustainable Horticultural Practices	College & Sheridan College Credit	THK4T1 and LAND121
<p>This course aligns both the Landscaping and Horticulture course (THK4T1) and the Sustainable Horticultural Practices (LAND121) course. Upon successful completion of the program, the THK4T1 credit will be granted by Georgetown District High School and the LAND121 credit will be granted by Humber College.</p>		
<p>Offered in alternating years. Will be offered in 2026-2027.</p>		
Manufacturing Technology - Welding	College	TMJ4E1
<p>This project-driven, hands-on course builds on students' experiences in manufacturing technology. Students will further develop knowledge and skills related to the use of engine lathes, milling machines, welding machines, and other related tools and equipment as they design and fabricate solutions to a variety of technological challenges in manufacturing. Students may have opportunities to acquire industry-standard training and certification. Students will expand their awareness of environmental and societal issues and of career opportunities in the manufacturing industry.</p>		
Prerequisite: TMJ3E1		
Manufacturing Engineering Technology - Machining	University/College	TMJ4M

This course enables students to further develop knowledge and skills related to design, process planning, control systems, project management, quality assurance, and business operations. Students will use a broad range of tools and equipment, enhance their skills in computer-aided design, and collaborate in managing a project. Students will critically analyse and solve complex problems involved in manufacturing products. Students will expand their awareness of environmental and societal issues and of career opportunities in the manufacturing industry.

Healthcare	University/College	TPJ4M
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This course focuses on the development of a range of skills needed to analyse and interpret clinical findings. Students will learn about accepted health care practices and demonstrate an understanding of basic procedures and the use of appropriate instruments and equipment. They will acquire an understanding of basic concepts related to the function of the human immune system and explore the relationship between pathology and disease prevention and treatment. Students will expand their awareness of workers' health and safety issues, analyse environmental and societal issues related to health care, and further explore professional practice standards and postsecondary destinations in the field.

Prerequisite or Corequisite: Healthcare, Grade 11, University/College Preparation

Healthcare: Nursing/Medical Services	University/College	TPM4M
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This course focuses on the development of a broad range of skills needed to provide patient care across various nursing and medical services. Students will study the healthcare needs of diverse populations and develop the foundational abilities required to meet those needs. Emphasis is placed on basic concepts related to hospital care and the connections between healthcare practices across the lifespan. The course also introduces major factors that influence health and wellness, common care approaches used in different healthcare settings, and the principles that guide effective patient interaction. In addition, students will explore ethics, the importance of patient advocacy, and educational and career pathways within the nursing and medical services field.

Prerequisite or Corequisite: Health Care, Grade 11, University/College Preparation

Transportation Technology - Automotive	College	TTA4C1 - 1 credit TTA4C2 - 2 credit
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This course enables students to further develop technical knowledge and skills as they study, test, service, 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. Students will expand their awareness of environmental and societal issues related to transportation and their knowledge of apprenticeship and college programs leading to careers in the transportation industry.

Prerequisite: TTA3C1, TTA3C2, or TTS3C1

Transportation Technology - Small Engines	College	TTS4C1
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This is a practical course for students considering using their mechanical skills to earn a living. In depth fundamentals relating to engine, drive train and chassis are covered for small engines, motorcycles, all-terrain vehicles, snowmobiles and personal watercraft.

Prerequisite: TTA3C1, TTA3C2, or TTS3C1

Transportation Concentrated OYAP	Ontario Youth Apprenticeship Program	Bundle of 4 credits
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This is a four credit package for transportation. An interview is required with an auto teacher. If interested, contact your guidance counselor to register in myBlueprint.ca. Courses include TTA3CB (2 credits) and TTA4CB (2 credits).

Custom Woodworking	Workplace	TWJ4E1
<p>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.</p>		
		Prerequisite: TCJ3C1, TCJ3E1, TWJ3E1
Hairstyling and Aesthetics	Workplace	TXJ4E1
<p>This course enables students to develop increased proficiency in a wide range of hairstyling and aesthetics services. Working in a salon/spa team environment, students strengthen their fundamental cosmetology skills and develop an understanding of common business practices and strategies in the salon/spa industry. Students expand their understanding of environmental and societal issues and their knowledge of postsecondary destinations in the hairstyling and aesthetics industry.</p>		
		Prerequisite: TXJ3E1