

SMITHS FALLS DISTRICT COLLEGIATE INSTITUTE



HOME OF THE REDHAWKS



COURSE CALENDAR
2023-2024

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Attendance Office.....	Ext. 2321
Special Education Office.....	Ext. 2329
Guidance: Counsellor – (last names A-J)	Ext. 2330
Counsellor – (last names K-Z).....	Ext. 2328
Office Assistant.....	Ext. 2320
Student Support Partner	Ext. 2389

School Website: <http://sfdci.ucdsb.on.ca>

Ministry of Education Website: www.edu.gov.on.ca



SMITHS FALLS DISTRICT COLLEGIATE INSTITUTE



Principal: Terry Gardiner

Vice Principal : Charles Hayfron-Benjamin

Vice Principal : Kami Link

Principal's Message

Welcome to **Smiths Falls District Collegiate Institute – Home of the RedHawks!** This is an unprecedented time; making a transition to Grade 9 in a pandemic is a new experience for us all! I assure you that our caring and effective staff recognizes how important Grade 9 is for students. It is a time to make new friendships, to build character, to strengthen learning skills and work habits and to explore interests through courses that lead to future pathways. Our entire staff is committed to achieving the UCDSB's mission: ***We prepare all students for a successful life!***

Smiths Falls District Collegiate Institute provides a wide variety of engaging curricular and extra-curricular opportunities. Our educators use evidence-based instructional strategies and take a cross-curricular approach to teaching and learning to maximize student achievement! We offer five, Specialist High Skills Major Programs: Arts & Culture, Hospitality & Tourism, Agriculture, Sports and Justice, Community Safety & Emergency Services. Our students learn in a first-class facility including automotive and construction technology areas, an industrial kitchen, a Mac Lab for computer science, and an NBA size gymnasium. Did you know that we have awesome instrumental and vocal music programs and a thriving Indigenous Studies program? We are proud of our extensive athletic program for students which includes physical education and strength and fitness courses, as well as intramurals and varsity teams such as volleyball, basketball, rugby, cross-country running, wrestling, soccer, badminton, hockey and track and field. We have many clubs too: Students Council, iLeads, Environmental, Tea, Sound and Light/DJ, Improv, Nerd, Art, and Reach for the Top. We encourage our Grade 9 students to get involved in their RedHawk school community! No matter what the program, interest, or activity, there is something for you!

It is important for you to know that we have an outstanding Student Support Team at **Smiths Falls District Collegiate Institute**. Our knowledgeable Guidance Counsellors, caring Student Success Teachers, competent Special Education Teachers and passionate Educational Assistants are available to support your achievement and well-being!

Choosing to be a RedHawk is one of the best decisions you could make! We look forward to welcoming you in September 2023.

Sincerely,

Terry Gardiner
Principal



299 Percy Street
Smiths Falls, ON K7A 5M2
Tel: 613-283-0288 Fax: 613-283-0461

****This course calendar lists available options for the next school year.
Courses are determined by enrolment numbers. Those courses with insufficient selections
will not be offered. ****

OUR MISSION STATEMENT

Smiths Falls District Collegiate Institute is a center for learning which recognizes the value of the individual and everyone's potential to learn. In a changing society, we strive, with parents and community, to provide students with the knowledge, skills and values necessary for personal success and responsible citizenship.

OUR VISION

Sound in Body, Mind and Heart

We Believe That...

- ✓All students have the right to an education that will help develop their potential as individuals, allow them to acquire the knowledge, skills, values necessary for success and accept the responsibility to be a contributing member of society.
- ✓High expectations and a positive learning environment lead to growth, acceptance of challenge and personal excellence.
- ✓Learning is a shared responsibility of the students, the school, the parents and the community.
- ✓Lifelong learning is important for all.
- ✓Every individual has the right to be treated fairly and with courtesy, and the corresponding responsibility to respect the principles held by others.
- ✓Every individual has the right to work and learn in a positive environment, and the responsibility to respect and maintain that environment.
- ✓Every student has the right to use and enjoy the school's facilities and activities, and the responsibility to show respect for both.
- ✓Students should be encourage, be confident, and be capable individuals.
- ✓School spirit is enhanced by providing opportunities for everyone to be involved.
- ✓Our school must be safe, clean and inviting.
- ✓Open communication enhances positive relationships amongst school staff, students, parents/guardians, and other community partners.

ONTARIO SECONDARY SCHOOL DIPLOMA REQUIREMENTS

C O M P U L S O R Y C R E D I T S	Course	Credits required	Credits earned
	English (1 credit per grade)	4	○○○○○
	Math (At least one credit in grade 11 or 12)	3	○○○
	Science	2	○○
	French	1	○
	Canadian History	1	○
	Canadian Geography	1	○
	The Arts	1	○
	Health and Physical Education	1	○
	1/2 Credit in Civics	0.5	○
	1/2 Credit in Career Studies	0.5	○
	1 Additional Credit in either: <ul style="list-style-type: none"> • An English (including the Ontario Literacy Course) • French as a Second Language* • Native Languages • First Nations, Métis and Inuit studies • Classical studies and International Languages • Social Sciences and Humanities or Canadian & World Studies • Guidance and Career education • Cooperative Education* • American Sign Language as a Second Language 	1	○
	1 Additional Credit in either: <ul style="list-style-type: none"> • Health I Physical Education • Art • French as a Second Language • Business Studies • American Sign Language as a Second Language 	1	○
	1 Additional Credit in either: <ul style="list-style-type: none"> • Science (Gr. 11 or 12) • Technology Education • French as a Second Language* • Computer Studies • Cooperative Education* • American Sign Language as a Second Language 	1	○
* A maximum of 2 credits in French as a Second Language and Cooperative Education can count as compulsory credits.			
Total compulsory credits = 18			
Optional Credits Students should select courses that will meet requirements for their chosen post-secondary programs. Optional credits may include up to 4 credits earned through approved Dual Credit programs.			12
40 hours of Community Involvement	A student requires a minimum of forty hours of community involvement to develop awareness of community responsibility.		
Grade 10 Literacy Test	A standardized literacy test will be given to all grade ten students. Students must pass the test or the OLC40 course.		
On-Line Learning	Student entering Gr. 9 the 2020-2021 school year must earn at least 2 On-Line Learning credits. All students that were learning remotely in Gr. 9 Between April 2021 - June 2021 can count 1 credit earned during this time towards the two required On-Line credits.		

ONTARIO SECONDARY SCHOOL DIPLOMA REQUIREMENTS ADDITIONAL REQUIREMENTS

THE GRADE 10 TEST OF READING & WRITING SKILLS

All students must pass the Grade 10 Test of Reading and Writing Skills in order to earn a Secondary School Diploma. This test is designed by the Ontario Education Quality and Accountability office, and is administered once every year. There is no limit to the number of times a student may retake the test. Students who have been unsuccessful on the test at least once are eligible for the Ontario Secondary School Literacy Course (OSSLC). Students who complete the course successfully will meet the provincial literacy requirement for graduation.

Accommodations may be made only for students with an IEP and in accordance with EQAO policies. With parental consent and the approval of the Principal, students whose Individual Education Plan indicates that the student is not working towards a Secondary School Diploma may be exempted from writing the test.

Students who might benefit from a deferral of the test may include identified, exceptional or ESL students. A parent may request such a deferral. The Principal, in consultation with the parent, may initiate a deferral. In order to achieve an Ontario Secondary School Diploma, deferred students must successfully complete the test or the course.

COMMUNITY INVOLVEMENT ACTIVITIES

As part of the diploma requirements, students must complete a minimum of 40 volunteer hours in the community during their years in the secondary school program. A booklet outlining eligible activities and other pertinent information can be obtained from the school website <http://sfdci.ucdsb.on.ca>.

RESPONSIBILITIES OF PARENTS

If a student is under the age of 18, the parent/guardian is responsible for:

- ❑ Selection of program, including subjects and course type;
- ❑ Changes in program during the school year. Parents and students are encouraged to consider the recommendation of the school in the selection of an appropriate program.
- ❑ The following websites will be of value when assisting your son/daughter in course selection. www.myBlueprint.ca/ucdsb www.ontariocolleges.ca (Ontario Colleges) www.electronicinfo.ca (Ontario University) www.careersintrades.ca www.apprenticetrades.ca (Apprenticeship) www.edu.gov.on.ca (Ministry of Education) http://www.ucdsb.on.ca/programs/specialized/Pages/seac_guide.aspx (Special Education-Parent Guide)

SPECIALIST HIGH SKILLS MAJOR



What is a Specialist High Skills Major?

A Specialist High Skills Major (SHSM) is a Ministry of Education approved specialized program that allows students to focus their learning on a specific economic sector while meeting the requirements for an Ontario Secondary School Diploma (OSSD). Students can customize their secondary school education to suit their interests and talents. It also assists students in their transition after graduation to apprenticeship training, college, university or the workplace. Please see a Guidance counsellor for more information.

Every SHSM includes five components

1. A bundle of eight to eleven Grade 11 and 12 credits that includes:
 - a. 4 'major' credits that provide sector-specific knowledge and skills;
 - b. 1 or 2 other required credits from the Ontario curriculum, in which some expectations are met through learning activities contextualized to the SHSM focus.
 - c. 2 co-operative education credits that provide authentic learning experiences in a workplace setting, enabling students to refine, extend, apply, and practise sector-specific knowledge and skills
2. 6 sector-recognized certifications and/or training courses/programs (3 or 4 compulsory and 2 or 3 electives).
3. Experiential learning and career exploration activities within the sector.
4. 'Reach Ahead' experiences connected with the student's postsecondary pathway
5. Development of Essential Skills and work habits required in the sector, and use of the Ontario Skills Passport (OSP) for purposes of documentation

SFDCI offers 5 SHSM programs

Agriculture: The SFDCI SHSM Agriculture program is designed to engage students interested in Agriculture and/or the Trades. The certifications and experiences will be customized to the individual students' needs.

Arts & Culture: The SFDCI SHSM Arts and Culture program allows students to pursue their interests in Media or Visual arts, Drama or Music at the senior level while gaining real life experience in the sector through workshops, certification, experiential learning and co-op placements.

Hospitality & Tourism: The SFDCI SHSM Hospitality and Tourism will focus on the Food Services industry including menu creation and preparation, catering and investigating careers in the field.

Justice, Community Safety and Emergency Services: The SFDCI SHSM Justice program is designed to engage students who are looking at pursuing studies or working in the field of justice, emergency services, or community safety.

Sport: The SFDCI SHSM Sport will apply sport as a focal point to student learning experiences. Students will explore careers and post-secondary opportunities available through sport and periphery industries.

STUDENT SUCCESS

Reaching Every Student

The Upper Canada District School Board, through its secondary school program, is committed to equipping all students with the knowledge, skills and attitudes they need for successful outcomes - smooth transitions to the post-secondary destinations of their choice. Our schools offer educational programs that promote high standards, while providing students with learning opportunities and supports needed for success.

Successful completion of secondary education in Ontario is important, and a valuable step toward post-secondary opportunities. Students may create or choose a program pathway that prepares them for direct entry into:

- Apprenticeship Programs
- College
- Community Living
- University
- The Workplace

There is value, honour and dignity in all post-secondary destinations and all sectors of employment. A student's **Program Pathway** is his or her educational program and reflects the goals that help motivate him or her to complete secondary school. Building a successful pathway through school requires planning and is a cooperative effort involving students, parents/guardians, teachers and Guidance counsellors. Factors that must be considered in planning include a student's:

- most recent levels of achievement
- preferred learning style
- strengths, interests and abilities
- immediate educational needs

Early success in high school is essential. Statistics in Ontario show very clearly that failure in courses in grades 9 and 10 is a significant factor in students dropping out of school. Appropriate course selection and proactive plans for success are important.

Schools in Upper Canada have a strong focus on Student Success. In each of our high schools, Classroom Teachers, Student Success Teachers, Guidance Counsellors, Learning Resource Coaches and Administrators form strong teams that are dedicated to successful outcomes for all students. For our students making the transition from grade 8 to grade 9, there has never been greater attention paid to their strengths and needs, while focusing on opportunities for success.

This Course Calendar and our companion document *Destinations of Choice: Education and Career Roadmap* are valuable tools to assist families in planning and reviewing a pathway to success for all students. Please contact us for more information.

UCDSB ON-LINE LEARNING PROGRAM - AN OVERVIEW

The Online Learning Program enables our students to access a variety of courses and resources that might not otherwise be available in their schools. The program also creates an opportunity for our students to acquire a new set of learning skills. Online courses have been offered by the UCDSB with a consistently high degree of student success since September of 2003. Here are some highlights of the program: Intended to make courses available that are not offered in the student's school. The courses are offered asynchronously so students and teachers are not required to be online at the same time. All courses are taught by qualified Upper Canada District School Board teachers. All courses meet the curriculum requirements of the Ministry of Education. The courses are offered in a semester format similar to in-school courses. A student can complete one (1) online course per semester.

U.C.D.S.B. On-Line Learning Courses

Upper Canada District School Board students have access to a wide range of online courses developed by the Ontario Ministry of Education and delivered by Upper Canada teachers. For more information on courses currently available, please check our Online Learning web site at www.elearningstudents.ca. Our students can also take online courses with member Boards in the Ontario Strategic Alliance for eLearning. For more information on all the above online options, please consult with your school's Guidance Counsellor.

Considerations for Parents/Guardians of On-Line Students:

- ❖ Take the opportunity to review course outline, expectations and time lines
- ❖ Help establish a good work/study area at home
- ❖ Help set up a regular work/study schedule
- ❖ Discuss the course progress together

2023-2024 ON-LINE COURSE OFFERINGS

BAF3M-Financial Accounting
 BBB4M-International Business
 BOH4M-Business Leadership
 CGF3M-Forces of Nature
 CGG3O-Travel & Tourism
 CGR4M-The Environment & Resource Mgmt
 CGW4U-World Issues
 CHI4U-Canada: History, Identity & Culture
 CHV2O-Civics
 CHW3M-World History to the End of the 15th Century
 CLN4U-Canadian & International Law
 CLU3M-Understanding Canadian Law
 EMS3O-English Media Studies
 ENG4C - English College
 ENG4U-English University
 EWC4U-Writer's Craft
 GLC2O-Careers

GWL3O-Designing Your Future
 HHS4U-Families in Canada
 HLS3O-Housing/Home Design
 HSB4U-Challenge & Change in Society
 HSC4M-World Cultures
 HSE4M-Equity & Social Justice
 HSG3M-Gender Studies
 HSP3U/3C- Intro to Anthropology,
 Psychology and Sociology
 HZT4U-Philosophy
 MAP4C-College Math
 MBF3C - Foundations of College Math
 MCV4U-Calculus & Vector
 MDM4U- Data Management
 MHF4U- Advanced Functions
 NBE3U-Contemporary Aboriginal Voices
 OLC4O- Literacy

PPZ3C- Health for Life
 PSK4U- Intro to Kinesiology
 SBI3C-Biology College
 SCH3U-Chemistry University
 SCH4U- Chemistry University
 SES4U-Earth and Space Science
 SNC4M-Science
 SPH3U-Physics
 SPH4U-Physics
 SVN3E-Environmental Science

IMMERSION COURSES
CHV2OI- Civics
GLC2OI- Careers
CGF3MI- Forces of Nature
HSP3UI - Intro to Trilogy
HSB4UI- Challenge & Change in Society

Prerequisite Chart

This chart maps out courses that may be offered at SFDCI and shows the links between courses and the possible prerequisites for them. It does not reflect all possible movement from course to course. If you do not have the required prerequisites, please see a Guidance Counsellor.

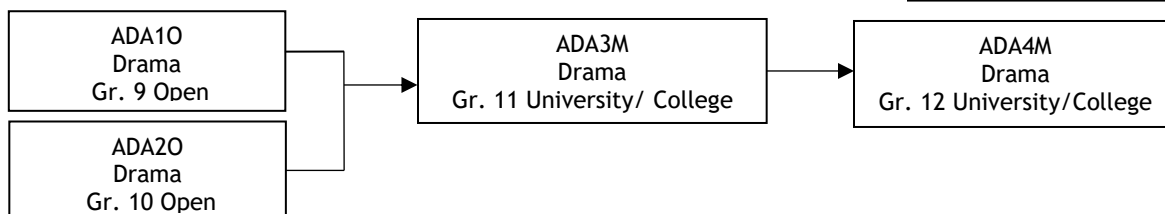
THE ARTS

SHSM

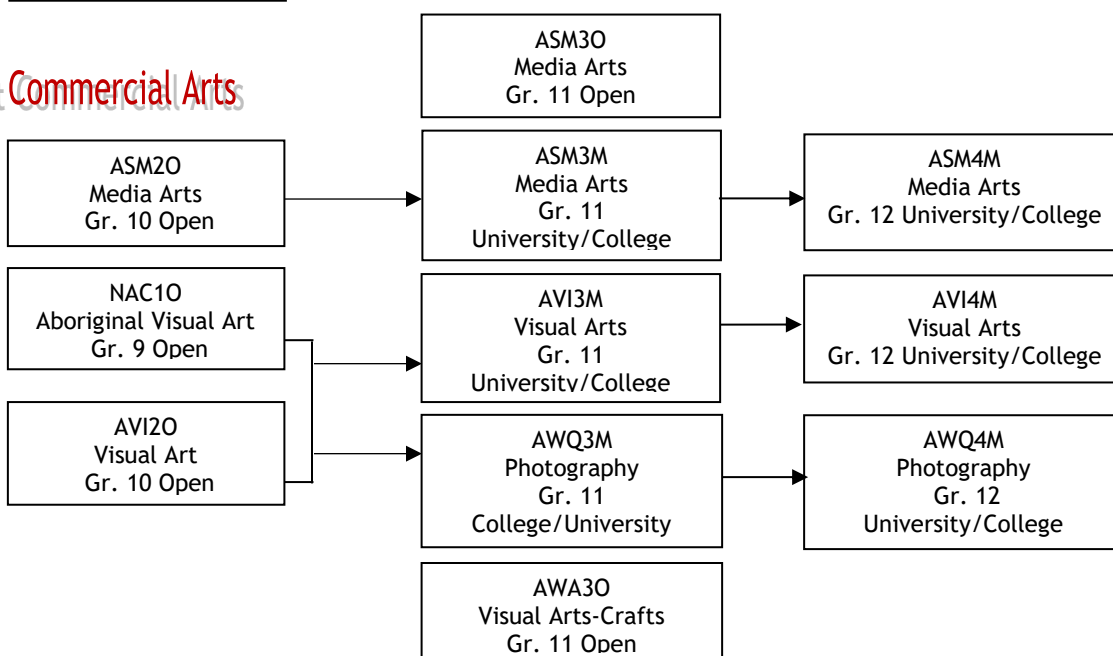
Arts & Culture

See your counsellor

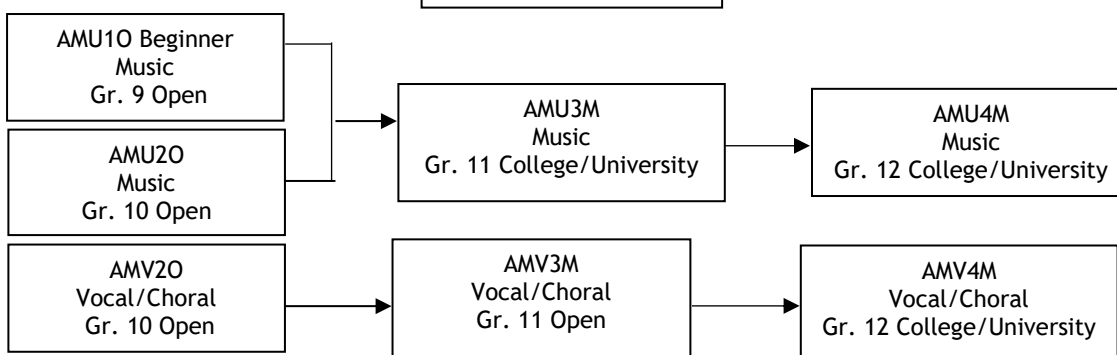
Drama



Visual & Commercial Arts



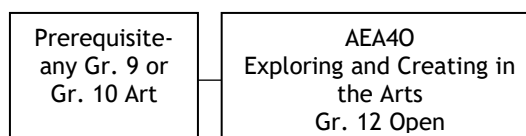
Music



Integrated Arts



Exploring & Creating the Arts



THE ARTS

SHSM-ARTS & CULTURE

SFDCI SHSM-Arts and Culture enables students to build a foundation of sector-focused knowledge and skills before graduating and entering apprenticeship training, a college or university program, or an entry-level position in the workplace. Depending on local circumstances, the SHSM-Arts and Culture may be designed to have a particular focus-for example, on dance, dramatic arts management, or technical production.

Prerequisite: Application and Interview. Please see your Guidance Counsellor.



DRAMA

Drama, Grade 9, Open

ADA10

This introductory drama course gives students a chance to explore the basic building blocks of theatre in a low-pressure environment. The focus is on collaboration, creativity and cooperation. Students will learn a bit about the history of the theatre, and learn to employ techniques such as tableau and mime in performances of their own creation. They will learn about working with scripts and about using drama to explore their own character and the world around them.

Prerequisite: None

Drama, Grade 10, Open

ADA20

This course is intended to build on the skills developed in the grade 9 drama course. Students will explore a wider variety of dramatic techniques and genres. The course emphasizes creativity, collaboration and cooperation. Students use the knowledge they have gained to produce and perform shows, to then to discuss and reflect upon their experience of theatre. There is a mix of working with prepared scripts and writing original material.

Prerequisite: None (*ADA10 is strongly recommended*)

Drama, Grade 11, College/University Preparation

ADA3M

This course requires students to plan, create and perform dramatic presentations. They will analyse and interpret works from different genres and time periods. Students will prepare and produce their own scripts in both a stage combat and a children's theatre unit. Through these performances, they will also learn about the importance of different roles within the theatre: directors, designers, technicians, and audiences.

Prerequisite: Drama, Grade 9 or 10 Open

Drama, Grade 12, College/University Preparation

ADA4M

This production based course requires students to experiment individually and collaboratively with forms and conventions of both drama and theatre. Students will interpret dramatic literature and other text and media sources while learning about various theories of directing, acting and producing. Students will examine the significance of dramatic arts both past and present, and will analyse how the knowledge and skills developed in drama are related to their personal skills, social awareness, and goals beyond secondary school.

Prerequisite: Drama, Grade 11, University/College



MEDIA ARTS

Media Arts, Grade 10, open

ASM20

This course enables students to create media art works by exploring new media, emerging technologies such as digital animation, and a variety of traditional art forms such as film, photography, video, and visual arts. Students will acquire communications skills that are transferable beyond the media arts classroom and develop an understanding of responsible practices related to the creative process. Students will develop the skills necessary to create and interpret media art works.

Prerequisite: None

Media Arts, Grade 11, Open

ASM30

This course enables students to create media art works using available and emerging technologies such as computer animation, digital imaging, video, and a variety of media. Students will explore the elements and principles of media arts, the connections between contemporary media art works and traditional art forms, and the importance of using responsible practices when engaged in the creative process. Students will develop the skills necessary to create and interpret media art works.

Prerequisite: None

Media Arts, Grade 11, College/University

ASM3M

This course enables students to create media art works using available and emerging technologies such as computer animation, digital imaging, video, and a variety of media. Students will explore the elements and principles of media arts, the connections between contemporary media art works and traditional art forms, and the importance of using responsible practices when engaged in the creative process. Students will develop the skills necessary to create and interpret media art works.

Prerequisite: Media Arts, Grade 10, Open

Media Arts, Grade 12, College/University

ASM4M

This course emphasizes the refinement of media arts skills through the creation of a thematic body of work by applying traditional and emerging technologies, tools, and techniques such as multimedia, computer animation, installation art, and performance art. Students will develop works that express their views on contemporary issues and will create portfolios suitable for use in either career or postsecondary education applications. Students will critically analyse the role of media artists in shaping audience perceptions of identity, culture, and community values.

Prerequisite: Media Arts, Grade 11, University/College



VISUAL ARTS

Aboriginal Visual Arts, Grade 9, Open

NAC10

This course explores various arts disciplines (dance, drama, installation and performance art, media arts, music, storytelling, utilitarian or functional art, visual arts), giving students the opportunity to create, present, and analyse art works, including integrated art works/productions, that explore or reflect First Nations, Métis and Inuit perspectives and cultures. Students will examine the interconnected relationships between art forms and individual and cultural identities, histories, values, protocols, and ways of knowing and being. They will demonstrate innovation as they learn and apply art related concepts, methods, and conventions, and acquire skills that are transferable beyond the classroom. Students will use the creative process and responsible practices to explore solutions to creative arts challenges.

Prerequisite: None

Visual Arts, Grade 10, Open**AVI2O**

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

Prerequisite: None

Visual Arts, Grade 11, College/University Preparation**AVI3M**

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. printmaking, environmental design and sculpture).

Prerequisite: Visual Arts, Grade 9 or 10, Open

*****Credits for focus programs will have individual course codes show on transcripts.***

Students must complete AVI3M before doing a focus course.**

Visual Arts-Crafts, Grade 11, Open**AWA3O**

This course focuses on studio activities in one or more of the visual arts. Students will create art works that explore a wide range of subject matter and will evaluate art works, providing grounds for their aesthetic judgements. They will also examine historical and cultural contexts of Western art, including Canadian art and art from various world cultures to support their study of specific media. The focus of this course will be crafts.

Prerequisite: None

Visual Arts-Photography, Grade 11, College/University**AWQ3M**

This course focuses on darkroom and digital studio activities in photography. Students will create black and white art works that explore a wide range of subject matter. They will also evaluate photographs to develop their aesthetic judgment. Various Western photographic art works (including Canadian) and photographic art works from various world cultures will be studied. The digital component of the course will expand a student's ability to colour manipulation of their own art. Darkroom techniques can include: basic black and white film development, contact and negative printing, image manipulation, dodging and burning, and the use of filters. The focus of this course will be digital. Students must provide their own camera.

Prerequisite: Visual Arts, Grade 9 or 10, Open

Visual Arts, Grade 12, College/University Preparation**AVI4M**

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. The course may be delivered as a comprehensive program or through a program focused on a particular art form (e.g. printmaking, environmental design and sculpture).

Prerequisite: Visual Arts, Grade 11, University/College

*****Credits for focus programs will have individual course codes show on transcripts.***

Students must complete AVI4M before doing a focus course.**

Visual Arts-Photography, Grade 12, College/University Preparation

This course focuses on the refinement of students' skills and knowledge in photography. Instruction can include a variety of techniques such as straight photography, tinted and toned prints, sabattier, multi-image printing and superimposed images, so that students experience photography from the fine arts perspective. Students will analyse art forms and use theories of photographic art when producing photographs. The focus of this course will be digital. Students must provide their own camera and provide prints of their work for a portfolio.

Prerequisite: Visual Arts-Photography, Grade 11, University/College



Music, Grade 9, Open Beginner

AMU10

This course emphasizes the creation and performance of music at a level that is consistent with previous experience and is aimed at developing technique, sensitivity, and imagination. Students will develop musical literacy skills by using the creative and critical analysis processes in composition, performance, and a range of reflective and analytical activities. Students will develop an understanding of the conventions and elements of music and of safe practices related to music, and will develop a variety of skills transferable to other areas of their life.

Prerequisite: None

Music, Grade 10, Open

AMU20

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.

Prerequisite: None

Music, Grade 11, College/University Preparation

AMU3M

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 analyzing 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: Music, Grade 9 or 10, Open

Music, Grade 12, College/University Preparation

AMU4M

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.

Prerequisite: Music, Grade 11, University/College Preparation

Music-Vocal/Choral, Grade 10, Open**AMV20**

This course emphasizes the performance of music at an intermediate level that strikes a balance between challenge and skill. Student learning will include participating in creative activities and listening perceptively. Students will also be required to develop a thorough understanding of the language of music, including the elements, terminology and history. The focus of this course will be singing performance with a strong background in technique.

Prerequisite: None

Music-Vocal/Choral, Grade 11, College/University**AMV3M**

This course emphasizes the performance of music at an intermediate level that strikes a balance between challenge and skill. Student learning will include participating in creative activities and listening perceptively. Students will also be required to develop a thorough understanding of the language of music, including the elements, terminology and history. The focus of this course will be singing techniques and theoretical concepts introduced in AMV20.

Prerequisite: None

Music-Vocal/Choral, Grade 12, College/University**AMV4M**

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.

Prerequisite: Grade 11 Music, University/College Preparation or Open

NOTE: ** A maximum of two credits may be awarded to students taking Conservatory music lessons. Please contact a Guidance Counsellor for more details.**

**INTEGRATED ARTS****Integrated Art, Grade 10, Open (French)****ALC2OF**

This course integrates two or more of the arts (dance, drama, media arts, music, and visual arts), giving students the opportunity to produce and present integrated art works created individually or collaboratively. Students will demonstrate innovation as they learn and apply concepts, styles, and conventions unique to the various arts and acquire skills that are transferable beyond the classroom. Students will use the creative process and responsible practices to explore solutions to integrated arts challenges.

Prerequisite: Minimum of 3800 hours of French instruction, or equivalent.

**EXPLORING AND CREATING THE ARTS****Exploring and Creating in the Arts, Grade 12, Open****AEA40**

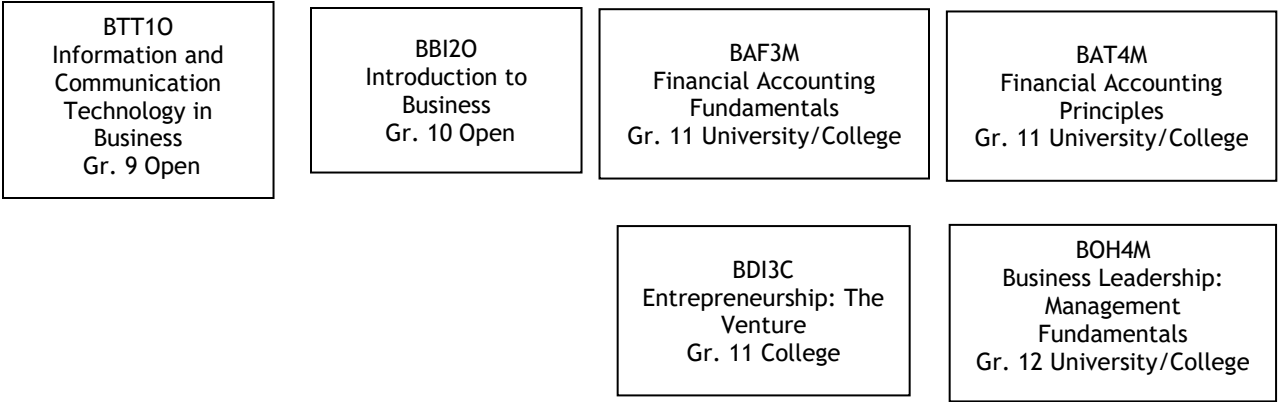
This course offers students the opportunity to explore connections between dance, drama, media arts, music, and/or visual arts. Students will use the creative process individually and/or collaboratively to produce integrated art works that draw on various disciplines, and they will critically analyse art works and determine how interpreting these works affects their own development. Students will develop responsible practices that are transferable beyond the classroom. They will explore solutions to integrated arts challenges and discover that art is everywhere, influencing and reflecting society.

Prerequisite: Any Grade 9 or 10 arts course

Prerequisite Chart

This chart maps out courses that may be offered at SFDCI and shows the links between courses and the possible prerequisites for them. It does not reflect all possible movement from course to course. If you do not have the required prerequisites, please see a Guidance Counsellor.

BUSINESS STUDIES



BUSINESS STUDIES



Information and Communication Technology in Business,
Grade 9, Open

BTT10

This course introduces students to information and communication technology in a business environment and builds a foundation of digital literacy skills necessary for success in a technologically driven society. Students will develop word processing, spreadsheet, database, desktop publishing, presentation software, and website design skills. Throughout the course, there is an emphasis on digital literacy, effective electronic research and communication skills, and current issues related to the impact of information and communication technology.

Prerequisite: None

NOTE: This is a compulsory course for students choosing the STEM program.

Introduction to Business, Gr. 10, Open

BBI20

This course introduces students to the world of business. Students will develop an understanding of the functions of business, including accounting, marketing, information and communication technology, human resources, and production, and of the importance of ethics and social responsibility. This course builds a foundation for further studies in business and helps students develop the business knowledge and skills they will need in their everyday lives.

Prerequisite: None

Entrepreneurship: The Venture, Gr. 11, College Preparation

BDI3C

This course introduces students to the fundamental principles and procedures of accounting. Students will develop financial analysis and decision-making skills that will assist them in future studies and/or career opportunities in business. Students will acquire an understanding of accounting for a service and a merchandising business, computerized accounting, financial analysis, and ethics and current issues in accounting.

Prerequisite: None

Financial Accounting Fundamentals, Gr. 11, University/College Preparation

BAF3M

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.

Prerequisite: None

Financial Accounting Principals, Gr. 12, University/College Preparation	BAT4M
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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: Financial Accounting Fundamentals, Grade 11, University/College Preparation

Business Leadership: Management Fundamentals, Grade 12, College/University Preparation	BOH4M
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This course focuses on the development of leadership skills used in managing a successful business. Students will analyse the role of a leader in business, with a focus on decision making, management of group dynamics, workplace stress and conflict, motivation of employees, and planning. Effective business communication skills, ethics, and social responsibility are also emphasized.

Prerequisite: None

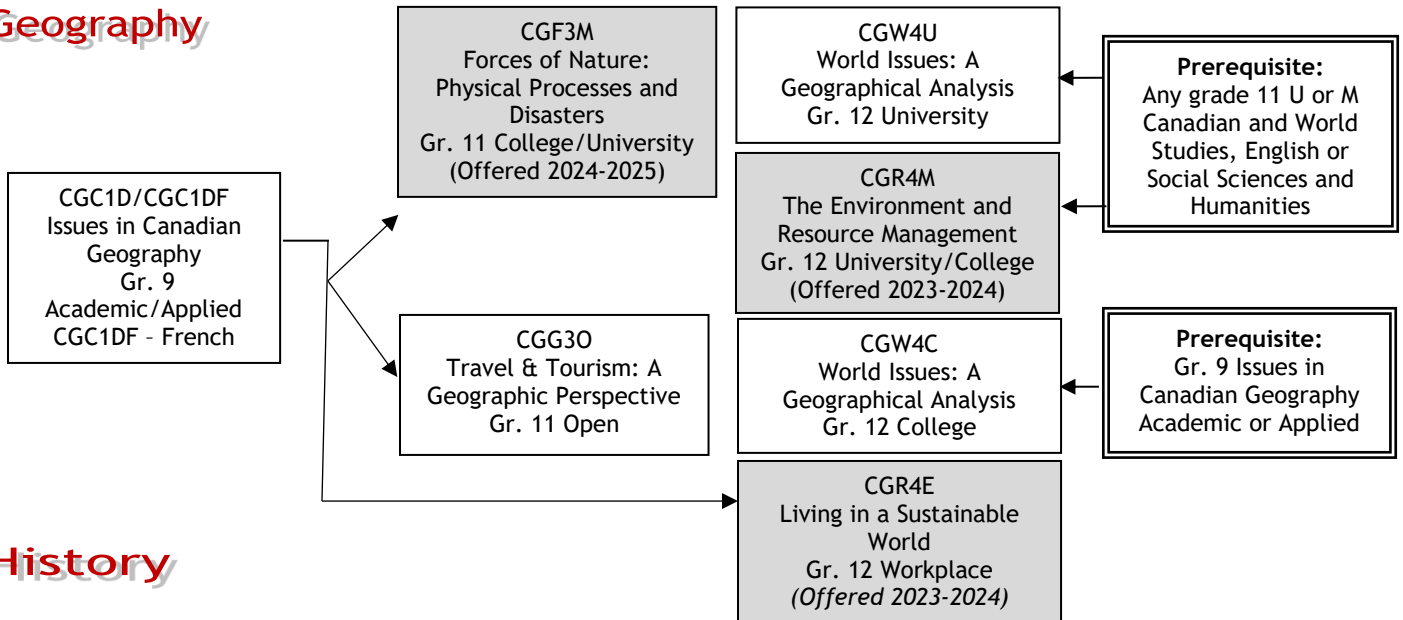
Prerequisite Chart

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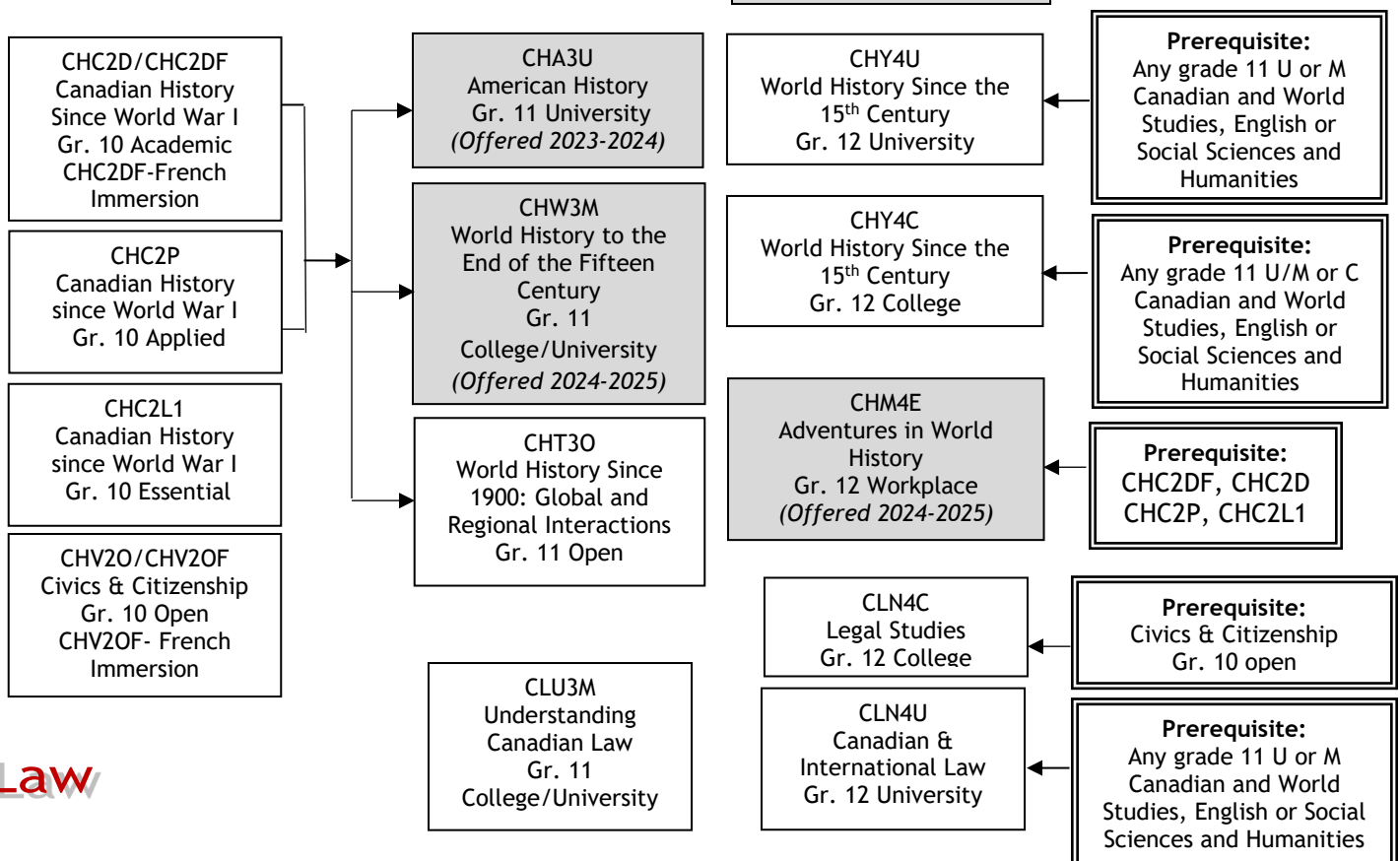
CANADIAN AND WORLD STUDIES

SHSM Justice and Community Safety and Emergency Services
See your counsellor

Geography



History



Law

CANADIAN AND WORLD STUDIES

SHSM Justice and Community Safety and Emergency Services

This SHSM is designed to engage students who are looking at pursuing studies or working in the field of justice, emergency services, or community safety.

Prerequisite: Application and Interview. Please see your Guidance Counsellor.



GEOGRAPHY

Issues in Canadian Geography, Grade 9, Academic/Applied
Issues in Canadian Geography, Grade 9, Academic/Applied, French

CGC1D
CGC1DF

This course examines interrelationships within and between Canada's natural and human systems and how these systems interconnect with those in other parts of the world. Students will explore environmental, economic, and social geographic issues relating to topics such as transportation options, energy choices, and urban development. Students will apply the concepts of geographic thinking and the geographic inquiry process, including spatial technologies, to investigate various geographic issues and to develop possible approaches for making Canada a more sustainable place in which to live. CGC1DF will be taught in French

Prerequisite: CGC1D - None CGC1DF - Minimum of 3800 hours of French instruction, or equivalent.

Forces of Nature: Physical Processes and Disasters,
Grade 11, College/University Preparation

CGF3M

In this course, students will explore physical processes related to the earth's water, land, and air. They will investigate how these processes shape the planet's natural characteristics and affect human systems, how they are involved in the creation of natural disasters, and how they influence the impacts of human disasters. Throughout the course, students will apply the concepts of geographic thinking and the geographic inquiry process and use spatial technologies to analyse these processes, make predictions related to natural disasters, and assess ways of responding to them.

Prerequisite: Issues in Canadian Geography, Grade 9, Academic or Applied

NOTE: *This course will be offered alternating years. It will be offered 2024-2025)*

Travel and Tourism: A Geographic Perspective, Grade 11, Open

CGG3O

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

Prerequisite: Issues in Canadian Geography, Grade 9, Academic or Applied

Living in a Sustainable World, Grade 12, Workplace**CGR4E**

This course examines the impact of human activity on the natural environment. Students will explore the use of natural spaces and resources and the effects of planning decisions and consumer choices on natural systems. Students will apply the concepts of geographic thinking and the geographic inquiry process, including spatial technologies, to investigate practical solutions to environmental issues, enabling them to make more sustainable decisions at home, in the workplace, and in the local community.

Prerequisite: Issues in Canadian Geography, Grade 9, Academic or Applied

NOTE: *This course will be offered alternating years. It will be offered in 2023-2024.*

The Environment and Resource Management, Grade 12, University/College**CGR4M**

This course investigates interactions between natural and human systems, with a particular emphasis on the impacts of human activity on ecosystems and natural processes. Students will use the geographic inquiry process, apply the concepts of geographic thinking, and employ a variety of spatial skills and technologies to analyse these impacts and propose ways of reducing them. In the course of their investigations, they will assess resource management and sustainability practices, as well as related government policies and international accords. They will also consider questions of individual responsibility and environmental stewardship as they explore ways of developing a more sustainable relationship with the environment.

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

NOTE: *This course will be offered alternating years. It will be offered 2023-2024)*

World Issues: A Geographic Analysis, Grade 12, University Preparation**CGW4U**

In this course, students will address the challenge of creating a more sustainable and equitable world. They will explore issues involving a wide range of topics, including economic disparities, threats to the environment, globalization, human rights, and quality of life, and will analyse government policies, international agreements, and individual responsibilities relating to them. Students will apply the concepts of geographic thinking and the geographic inquiry process, including the use of spatial technologies, to investigate these complex issues and their impacts on natural and human communities around the world.

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

World Issues: A Geographic Analysis, Grade 12, College Preparation**CGW4C**

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.

Prerequisite: Issues in Canadian Geography, Grade 9, Academic or Applied



HISTORY

Canadian History Since World War 1, Grade 10, Academic

French Immersion

CHC2D
CHC2DF

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. CHC2DF will be taught in French.

Prerequisite: CHC2D - None CHC2DF - Minimum of 3800 hours of French instruction, or equivalent.

Canadian History since World War 1, Grade 10, Essentials

CHC2L1

This course traces Canadian history from Wilfrid Laurier's pronouncement that the twenties century belongs to Canada, to the United Nations' recognition of Canada as one of the best countries in which to live. Students will learn about various expressions of Canadian identity and the stories of individuals and communities. They will also be given opportunities to formulate appropriate questions, develop informed opinions and present information in a variety of ways.

Prerequisite: None

Canadian History since World War 1, Grade 10, Applied

CHC2P

This course focuses on the social context of historical developments and events and how they have affected the lives of people in Canada, including First Nations, Métis, and Inuit individuals and communities, since 1914. Students will explore interactions between various communities in Canada as well as contributions of individuals and groups to heritage and identities in Canada. Students will develop an understanding of some key political developments and government policies that have had an impact on First Nations, Métis, and Inuit individuals and communities. They will develop their ability to apply the concepts of historical thinking and the historical inquiry process, including the interpretation and analysis of evidence, when investigating the continuing relevance of historical developments and how they have helped shape communities in present-day Canada.

Prerequisite: None

Civics and Citizenship, Grade 10, Open

(0.5 credit)

CHV2O

Immersion French

(0.5 credit)

CHV2OF

This course explores rights and responsibilities associated with being an active citizen in a democratic society. Students will explore issues of civic importance and the influence of social media, while developing their understanding of the role of civic engagement and of political processes in the local, national, and/or global community. Students will apply the concepts of political thinking and the political inquiry process to investigate, and express informed opinions about, a range of political issues and developments that are both of significance in today's world and of personal interest to them. This course also includes learning on digital literacy and critical-thinking skills, the mechanisms of government, Indigenous governance systems and structures, the historical foundations of the rights and freedoms we enjoy in Canada, ways in which government policy affects individuals' lives and the economy, and ways for students to serve their communities. CHV2OF will be taught in French.

Prerequisite: CHV2O-None CHV2OF- Minimum of 3800 hours of French instruction, or equivalent.

World History Since 1900: Global & Regional Interactions, Grade 11, Open**CHT30**

This course focuses on major developments in world history from 1900 to the present. Students will explore the causes and consequences of global and regional conflicts, the impact of significant individuals and social movements, and the effects of social, economic, and political developments around the world. 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 interactions within and between nations and other historical developments and events, including those that continue to affect people in various parts of the world.

Prerequisite: Canadian History since World War I, Grade 10, Academic or Applied, or the Essentials compulsory course (CHC2L1) in Canadian History

American History, Grade 11, University Preparation**CHA3U**

This course explores key aspects of the social, economic, and political development of the United States from pre-contact to the present. Students will examine the contributions of groups and individuals to the country's evolution and will explore the historical context of key issues, trends, and events that have had an impact on the United States, its identity and culture, and its role in the global community. 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 various forces that helped shape American history. Students will engage in issues such as slavery, terrorism, genocide and racism, politics and controversial political leaders, social issues and cultural experiments from the past that connect to issues of American life today. This course is designed to provoke students into developing problem-solving solutions for issues that are confronting cultural groups and minorities and society in general. Students will be provided with articles, videos or radio shows that present contrasting points of view on particular issues of study.

Prerequisite: Canadian History since World War I, Grade 10, Academic or Applied

NOTE: *This course will be offered alternating years. It will be offered in 2023-2024.*

Adventures in World History, Grade 11, Workplace**CHM4E**

This course examines significant developments and events in world history from earliest times to the present. Students will explore a variety of social, cultural, economic, and political developments in different regions of the world and during different periods. In addition to investigating how conflict, religion, work, and technology have helped shape people's lives, students will examine the contributions of some significant individuals to our global heritage. Students will apply the concepts of historical thinking and the historical inquiry process, including the interpretation and analysis of evidence, when investigating a variety of human experiences in world history.

Prerequisite: Canadian History since World War I, Grade 10, Academic or Applied, or the locally developed compulsory course (LDCC) in Canadian history

NOTE: *This course will be offered alternating years. It will be offered in 2024-2025.*

**World History to the End of the Fifteenth Century,
Grade 11, College/University****CHW3M**

This course explores the history of various societies and civilizations around the world, from earliest times to around 1500 CE. Students will investigate a range of factors that contributed to the rise, success, and decline of various ancient and pre-modern societies throughout the world and will examine life in and the cultural and political legacy of these societies. Students will extend their ability to apply the concepts of historical thinking and the historical inquiry process, including the interpretation and analysis of evidence, when investigating social, political, and economic structures and historical forces at work in various societies and in different historical eras.

Prerequisite: Canadian History since World War I, Grade 10, Academic or Applied

Note: *This course run alternating years. It will be offered in 2024-2025.*

World History Since the Fifteenth Century,
Grade 12, College Preparation

CHY4C

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

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

World History Since the Fifteenth Century,
Grade 12, University Preparation

CHY4U

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

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



Understanding Canadian Law, Grade 11, College/University

CLU3M

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

Prerequisite: Canadian History since World War I, Grade 10, Academic or Open

Legal Studies, Grade 11, College

CLN4C

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: Civics and Citizenship, Grade 10, Open

Canadian and International Law, Grade 12, University Preparation

CLN4U

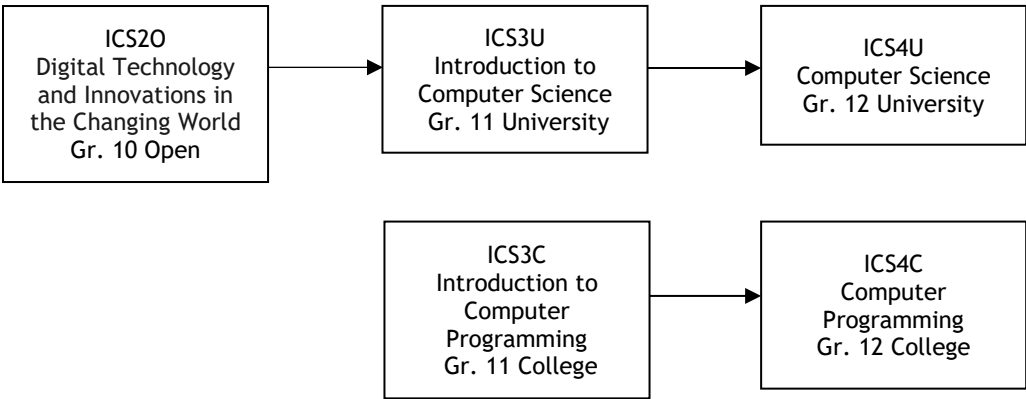
This course explores a range of contemporary legal issues and how they are addressed in both Canadian and international law. Students will develop an understanding of the principles of Canadian and international law and of issues related to human rights and freedoms, conflict resolution, and criminal, environmental, and workplace law, both in Canada and internationally. Students will apply the concepts of legal thinking and the legal studies inquiry process, and will develop legal reasoning skills, when investigating these and other issues in both Canadian and international contexts.

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

Prerequisite Chart

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COMPUTER STUDIES



COMPUTER STUDIES



Digital Technologies and Innovations in the Changing World, Grade 10, Open

ICS2O

This course introduces students to computer programming. Students will plan and write simple computer programs by applying fundamental programming concepts, and learn to create clear and maintainable internal documentation. They will learn to manage a computer by studying hardware configurations, software selection, operating system functions, networking, and safe computing practices. Students will also investigate the social impact of computer technologies, and develop an understanding of environmental and ethical issues related to the use of computers.

Prerequisite: None

Introduction to Computer Science, Grade 11, University Preparation

ICS3U

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 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 explore environmental and ergonomic issues, emerging research in computer science, and global career trends in computer-related fields.

Prerequisite: Gr. 10, Introduction to Computer Studies, Open

Introduction to Computer Programming, Grade 11, College Preparation

ICS3C

This course introduces students to computer programming concepts and practices. Students will write and test computer programs, using various problem-solving strategies. They will learn the fundamentals of program design and apply a software development life-cycle model to a software development project. Students will also learn about computer environments and systems, and explore environmental issues related to computers, safe computing practices, emerging technologies, and postsecondary opportunities in computer-related fields.

Prerequisites: Gr. 10 Introduction to Computer Studies, Open

Computer Studies, Grade 12, University Preparation

ICS4U

This course enables students to further develop knowledge and skills in computer science. Students will use modular design principles to create complex and fully documented programs, according to industry standards. Student teams will manage a large software development project, from planning through to project review. Students will also analyse algorithms for effectiveness. They will investigate ethical issues in computing and further explore environmental issues, emerging technologies, areas of research in computer science, and careers in the field.

Prerequisite: Introduction to Computer Science, Grade 11, University Preparation

This course further develops students' computer programming skills. Students will learn object-oriented programming concepts, create object-oriented software solutions, and design graphical user interfaces. Student teams will plan and carry out a software development project using industry-standard programming tools and proper project management techniques. Students will also investigate ethical issues in computing and expand their understanding of environmental issues, emerging technologies, and computer-related careers.

Prerequisite: Introduction to Computer Programming, Grade 11, College Preparation

CO-OPERATIVE EDUCATION



This course consists of a learning experience connected to a community and a cooperative education curriculum that incorporates relevant expectations from the student's related course (or courses). Students will develop skills, knowledge, and habits of mind that will support them in their learning, including their education and career/life planning, at school and beyond, today and in the future. Within the context of their experience connected to a community, students will apply, extend, and refine skills and knowledge acquired in their related course or courses and will apply skills, knowledge, and habits of mind that will protect and promote their health, safety, and well-being. They will create and implement a learning plan that meets their particular interests and needs, reflect on their learning, and make connections between their experience in the community and other aspects of their lives. Prerequisite: None

Co-op programs involve students working at placements where they can apply and practice the skills and knowledge acquired in previous courses. Students may earn one, two, three or four coop credits in a semester.

Co-operative education involves partnerships with the community. The collaboration of students, teachers and placement supervisors is required for the development of personalized placement learning plans. Students are monitored and supported in their learning by the placement supervisor and Co-operative education teachers.

Students who are interested in participating in the Ontario Youth Apprenticeship Program (OYAP) take cooperative education during grade 11 and/or grade 12. If the student and employer agree, an apprenticeship agreement can be signed and the co-op hours can then count towards the student's apprenticeship.

Please speak with a Co-op teacher and/or guidance counsellor for more information.

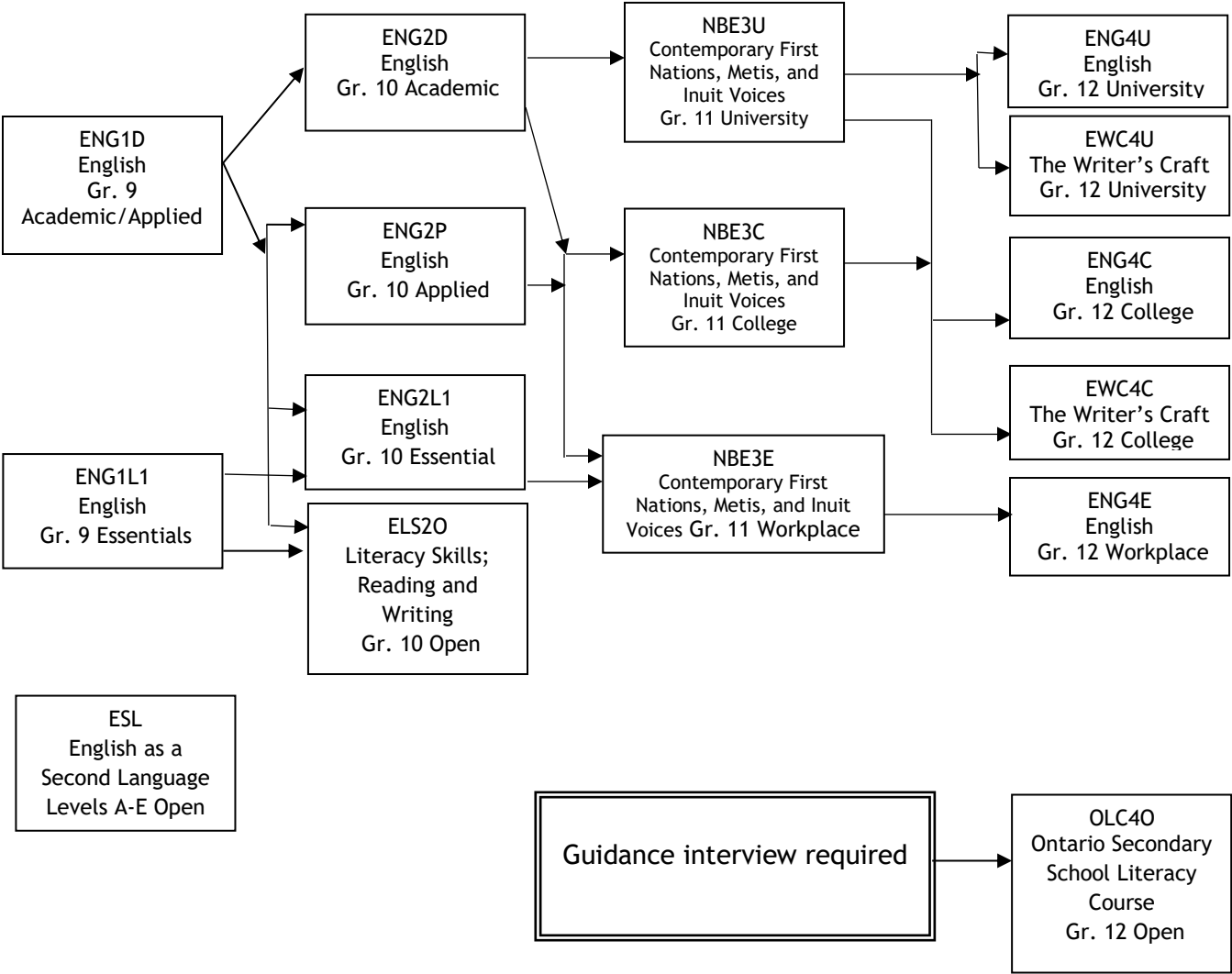
More information on OYAP can be found at www.oyap.com.

****Interviews are required for students to participate in the Co-op program.****

Prerequisite Chart

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ENGLISH



ENGLISH



English, Grade 9, Academic/Applied

ENG1D

This course is designed to develop the oral communication, reading, writing, and media literacy skills that students need for success in their secondary school academic programs and in their daily lives. Students will analyse literary texts from contemporary and historical periods, interpret informational and graphic texts, and create oral, written, and media texts in a variety of forms. An important focus will be on the use of strategies that contribute to effective communication. The course is intended to prepare students for the Grade 10 academic or applied English courses, which leads to university or college preparation courses in Grades 11 and 12.

Prerequisite: None

English, Grade 9, Essentials

ENG1L1

This course provides foundational literacy and communication skills to prepare students for success in their daily lives, in the workplace and in the English Grade 11 Workplace Preparation course. The course is organized by strands that develop listening and talking skills, reading and viewing skills and writing skills. In all strands, the focus is on developing foundational literacy skills and in using language clearly and accurately in a variety of authentic contexts. Students develop strategies and put into practice the processes involved in talking, listening, reading, viewing, writing and thinking and reflect regularly upon their growth in these areas.

Prerequisite: None

Literacy Skills; Reading and Writing, Grade 10, Open

ELS2O

This course is designed to help students strengthen essential reading and writing skills, providing them with the extra literacy support they need in order to graduate. Students will read informational, graphic, and literary texts, with a focus on locating information, identifying main ideas and supporting details, building vocabulary, and consolidating skills in the application of key comprehension strategies. The course will also help students develop core learning strategies.

Prerequisite: English, Grade 9, Academic or Applied, or a Grade 9 English LDCC (locally developed compulsory credit) course

English, Grade 10, Academic

ENG2D

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

Prerequisite: English, Grade 9, Academic or Applied

English, Grade 10, Applied**ENG2P**

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: English, Grade 9, Academic or Applied

English, Grade 10, Essentials**ENG2L1**

In this course, students focus on extending their literacy and communication skills to prepare for success in their daily lives, in the workplace and in the English Grade 11 Workplace Preparation course. The course is organized by strands that extend listening and talking skills, reading and viewing skills and writing skills. In all strands, the focus is on refining foundational literacy skills and in using language clearly and accurately in a variety of authentic contexts. Students build on their strategies and engage in the processes involved in talking, listening, reading, viewing, writing and thinking and reflect regularly upon their growth in these areas.

Prerequisite: A Grade 9 English credit

**English: Contemporary First Nations, Metis, and Inuit Voices
Grade 11, University Preparation****NBE3U**

This course explores themes, forms, and stylistic elements of a range of literary, informational, graphic, oral, cultural and media texts about and from First Nations, Metis, and Inuit cultures in Canada. Students will analyse the changing use of text forms by Aboriginal authors from various periods and cultures to express themes such as identity, relationships, and sovereignty. Students will create oral, written, and media texts to explore their own ideas and understanding, focusing on the development of literacy, communication, and critical and creative thinking skills necessary for success in academic and daily life. This course is intended to prepare students for the compulsory Grade 12 English university or college preparation course.

Prerequisite: English, Grade 10, Academic

*****NOTE: This course is replacing ENG3U as the Gr. 11 University Compulsory English credit*****

**English: Contemporary First Nations, Metis, and Inuit Voices
Grade 11, College Preparation****NBE3C**

This course explores themes, forms, and styles of literary, informational, graphic, oral, cultural, and media texts about and from First Nations, Metis, and Inuit cultures in Canada. Students will study the use of text forms by aboriginal authors from various periods and cultures to express themes such as identity, relationships, and sovereignty. Students will create oral, written, and media texts to explore their own ideas and understanding, focusing on the development of literacy, communication, and critical and creative thinking skills necessary for success in academic and daily life. The course is intended to prepare students for the compulsory Grade 12 English college preparation course.

Prerequisite: English, Grade 10 Applied or Academic

*****NOTE: This course is replacing ENG3C as the Gr. 11 College Compulsory English credit*****

English: Contemporary Aboriginal Voices,
Grade 11, Workplace

NBE3E

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: English, Grade 10, Academic, Applied or Essentials

*****NOTE:** This course is replacing ENG3E as the Gr. 11 Workplace Compulsory English credit***

English, Grade 12, University Preparation

ENG4U

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

Prerequisite: English, Grade 11, University Preparation

English, Grade 12, College Preparation

ENG4C

This course emphasizes the consolidation of literacy, communication, and critical and creative thinking skills necessary for success in academic and daily life. Students will analyse a variety of informational and graphic texts, as well as literary texts from various countries and cultures, and create oral, written, and media texts in a variety of forms for practical and academic purposes. An important focus will be on using language with precision and clarity and developing greater control in writing. The course is intended to prepare students for college or the workplace.

Prerequisite: English, Grade 11, College Preparation

English, Grade 12, Workplace Preparation

ENG4E

This course emphasizes the consolidation of literacy, communication, and critical and creative thinking skills necessary for success in the workplace and in daily life. Students will analyse informational, graphic, and literary texts and create oral, written, and media texts in a variety of forms for workplace-related and practical purposes. An important focus will be on using language accurately and organizing ideas and information coherently. The course is intended to prepare students for the workplace and active citizenship.

Prerequisite: English, Grade 11, Workplace Preparation

The Writer's Craft, Grade 12, College Preparation
University Preparation

EWC4C
EWC4U

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: EWC4C-English, Grade 11, College EWC4U-English Grade 11, University

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. Students who complete the course successfully will meet the provincial literacy requirement for graduation. Students will read a variety of informational, narrative and graphic texts and will produce a variety of forms of writing, including summaries, information paragraphs, opinion pieces and news reports. Students will also maintain and manage a literacy portfolio containing a record of their reading experiences and samples of their writing. *The credit earned for successful completion of this course can count as an additional compulsory credit in Group 1 or may be counted as the 4th compulsory English; additionally it will earn students their literacy credential for graduation. Students should note that admission for college requires ENG4C/ENG4U and university requires ENG4U.*

Prerequisite: Students who have been unsuccessful on the test at least once are eligible for the Ontario Secondary School Literacy Course (OSSLC).



ENGLISH AS A SECOND LANGUAGE

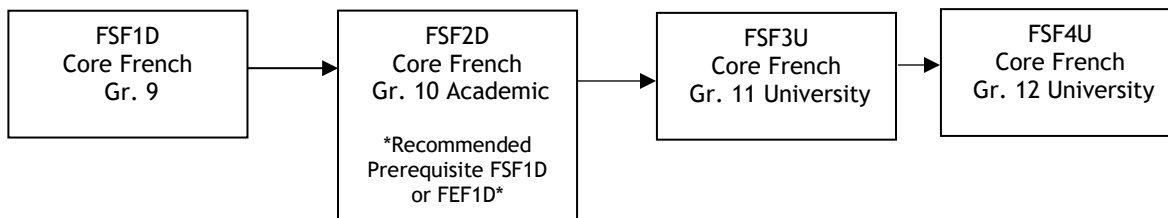
This course builds on students' previous education and language knowledge to introduce the English language and help students adjust to their new cultural environment. Students will use beginning English language skills in listening, speaking, reading, and writing for everyday and essential academic purposes; use basic English language structures and simple sentence patterns in short conversations; read short adapted texts; and write phrases and short sentences. The course also provides students with the knowledge and skills they need to begin to adapt to their new lives in Canada. As students progress through the 5 levels they will use English with increasing fluency and accuracy.

Prerequisite: None

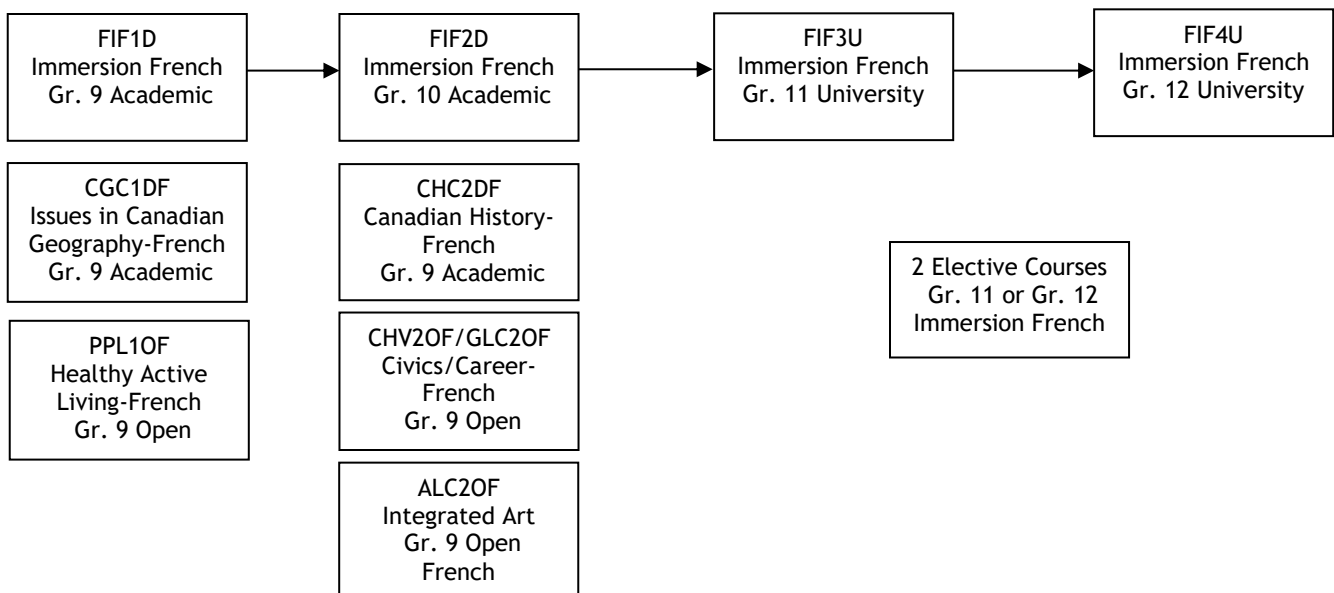
Prerequisite Chart

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FRENCH AS A SECOND LANGUAGE



IMMERSION FRENCH



FRENCH AS A SECOND LANGUAGE



French Immersion, Grade 9, Academic

FIF1D

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 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.

Prerequisite: Minimum of 3800 hours of French instruction, or equivalent

Core French, Grade 9, Academic/Applied

FSF1D

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

Prerequisite: Minimum of 600 hours of French instruction, or equivalent

French Immersion, Grade 10, Academic

FIF2D

This course provides students with extensive opportunities to communicate, interact, and think critically and creatively in French. Students will use a variety of language learning strategies in listening, speaking, reading, and writing, and will respond to and interact with print, oral, visual, and electronic texts. Students will develop their knowledge of the French language through the study of contemporary French literature and historically well-known French European literature. They will also increase their understanding and appreciation of diverse French-speaking communities, and will develop skills necessary for lifelong language learning.

Prerequisite: French Immersion, Grade 9, Academic

Core French, Grade 10, Academic

FSF2D

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 develop their skills in listening, speaking, reading, and writing 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 develop skills necessary for lifelong language learning.

Prerequisite: Core French, Grade 9, Academic/Applied

French Immersion, Grade 11, University Preparation**FIF3U**

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 use their skills in listening, speaking, reading, and writing and apply language learning strategies while exploring a variety of concrete and abstract topics. Students will increase their knowledge of the French language through the study of French literature from around the world. They will also deepen their understanding and appreciation of diverse French-speaking communities, and will develop skills necessary for lifelong language learning.

Prerequisite: French Immersion, Grade 10, Academic

Core French, Grade 11, University**FSF3U**

This course offers students extended opportunities to speak and interact in real-life situations in French with greater independence. Students will develop their listening, speaking, reading, and writing skills, as well as their creative and critical thinking skills, through responding to and exploring a variety of oral and written texts. They will also broaden their understanding and appreciation of diverse French-speaking communities, and will develop skills necessary for lifelong language learning.

Prerequisite: Core French, Grade 10, Academic

French Immersion, Grade 12, University Preparation**FIF4U**

This course provides students with extensive opportunities to communicate, interact, and think critically and creatively in French. Students will consolidate their listening, speaking, reading, and writing skills and apply language learning strategies 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 enrich their understanding and appreciation of diverse French-speaking communities, and will develop skills necessary for lifelong language learning.

Prerequisite: French Immersion, Grade 11, University Preparation

Core French, Grade 12, University**FSF4U**

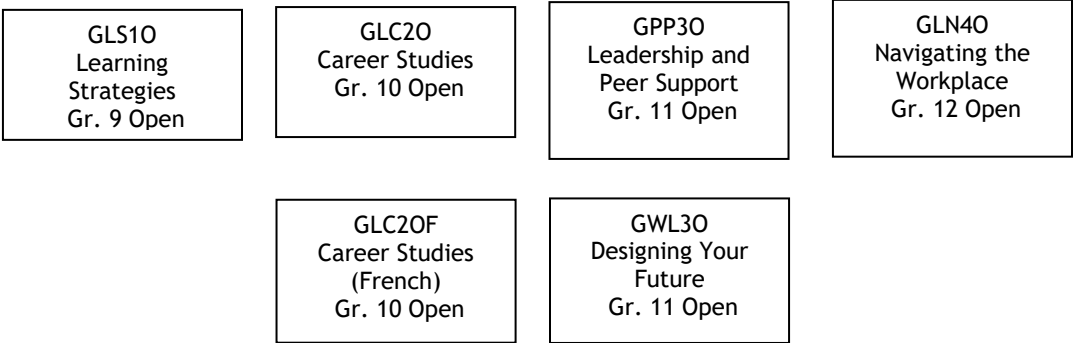
This course provides extensive opportunities for students to speak and interact in French independently. Students will develop their listening, speaking, reading, and writing skills, apply language learning strategies in a wide variety of real-life situations, and develop their creative and critical thinking skills through responding to and interacting with a variety of oral and written texts. They will also enrich their understanding and appreciation of diverse French-speaking communities, and will develop skills necessary for lifelong language learning.

Prerequisite: Core French, Grade 11, University Preparation

Prerequisite Chart

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GUIDANCE STUDIES



GUIDANCE STUDIES



Career Studies, Grade 10, Open

(0.5 credit)
French (0.5 credit)

GLC20
GLC20F

This course gives students the opportunity to develop the skills, knowledge, and habits that will support them in their education and career/life planning. Students will learn about global work trends, and seek opportunities within the school and community to expand and strengthen their transferable skills and their ability to adapt to the changing world of work. On the basis of exploration, reflective practice, and decision-making processes, students will make connections between their skills, interests, and values and their postsecondary options, whether in apprenticeship training, college, community living, university, or the workplace. They will set goals and create a plan for their first postsecondary year. As part of their preparation for the future, they will learn about personal financial management - including the variety of saving and borrowing tools available to them and how to use them to their advantage - and develop a budget for their first year after secondary school. GLC20F will be taught in French

Prerequisite: None

Learning Strategies 1: Skills for Success in Secondary School,
Grade 9, Open

GLS10

This course focuses on learning strategies to help students become better, more independent learners. Students will learn how to develop and apply literacy and numeracy skills, personal management skills, and interpersonal and teamwork skills to improve their learning and achievement in school, the workplace, and the community. The course helps students build confidence and motivation to pursue opportunities for success in secondary school and beyond.

Prerequisite: None-This course is designed for Students in the Essentials Pathway.

Leadership and Peer Support, Grade 11, Open

GPP30

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.

Prerequisite: None

Designing Your Future, Grade 11, Open

GWL30

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.

Prerequisite: None

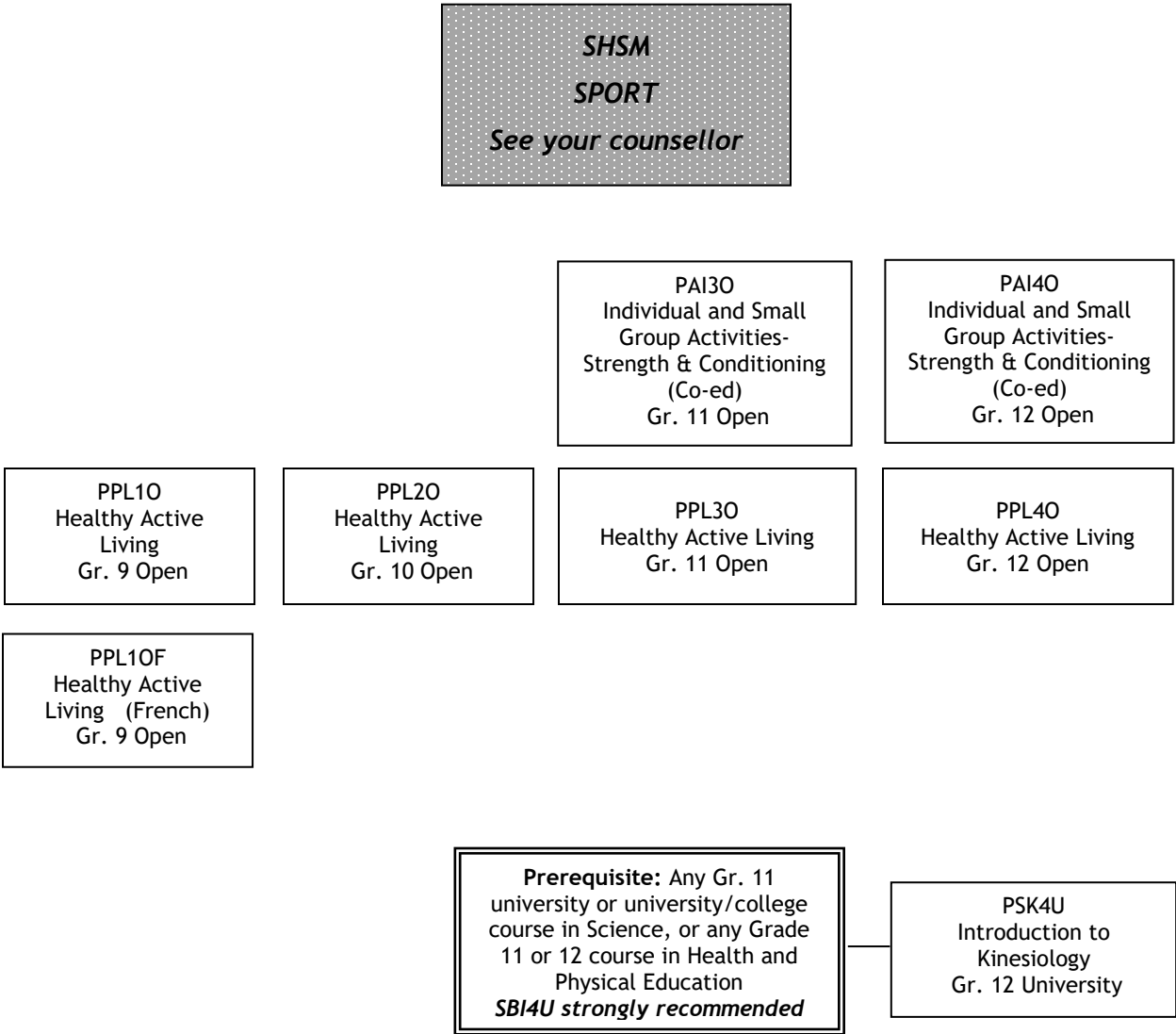
This course provides students with opportunities to develop the workplace essential skills and work habits required for success in all types of workplaces. Students will explore occupations and careers of interest through participation in real workplace experiences. They will make plans for continued 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.

Prerequisite: None

Prerequisite Chart

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HEALTH AND PHYSICAL EDUCATION



HEALTH AND PHYSICAL EDUCATION



SHSM - SPORT

The SFDCI SHSM Sport will apply sport as a focal point to student learning experiences. Students will explore careers and post-secondary opportunities available through sport and periphery industries.

Prerequisite: Application and Interview. Please see your Guidance Counsellor.

Healthy Active Living Education, Grade 9, Open

French Immersion

PPL10
PPL10F

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. PPL10F will be taught in French.

Prerequisite: PPL10-None

PPL10F-Minimum of 3800 hours of French instruction or equivalent.

Healthy Active Living Education, Grade 10, Open

PPL20

This course enables students to further develop the knowledge and skills they need to make healthy choices now and lead healthy, active lives in the future. Through participation in a wide range of physical activities, students develop knowledge and skills related to movement competence and personal fitness that provide a foundation for active living. Students also acquire an understanding of the factors and skills that contribute to healthy development and learn how their own well-being is affected by, and affects, the world around them. Students build their sense of self, learn to interact positively with others, and develop their ability to think critically and creatively. PPL20F will be taught in French.

Prerequisite: PPL10G, PPL10B-None

PPL20F- PPL10F Healthy Active Living Education, Grade 9, Open

Individual and Small Group Activities, Grade 11, Open, Strength & Conditioning

PAI30

This course enables students to further develop the knowledge and skills they need to make healthy choices now and lead healthy, active lives in the future. Through participation in a wide range of physical activities and exposure to a broader range of activity settings, students enhance their movement competence, personal fitness, and confidence. Students also acquire an understanding of the factors and skills that contribute to healthy development and learn how their own well-being is affected by, and affects, the world around them. Students build their sense of self, learn to interact positively with others, and develop their ability to think critically and creatively. This course will focus on Strength and Conditioning.

Prerequisite: None

Healthy Active Living Education, Grade 11, Open,**PPL30**

This course enables students to further develop the knowledge and skills they need to make healthy choices now and lead healthy, active lives in the future. Through participation in a wide range of physical activities and exposure to a broader range of activity settings, students enhance their movement competence, personal fitness, and confidence. Students also acquire an understanding of the factors and skills that contribute to healthy development and learn how their own well-being is affected by, and affects, the world around them. Students build their sense of self, learn to interact positively with others, and develop their ability to think critically and creatively.

Prerequisite: None

**Individual and Small Group Activities, Grade 12, Open,
Strength and Conditioning****PAI40**

This course enables students to further develop the knowledge and skills they need to make healthy choices. It places special emphasis on how students can maintain the habits of healthy, active living throughout their lives as they make the transition to adulthood and independent living. Through participation in a wide range of physical activities in a variety of settings, students can enhance their movement competence, personal fitness, and confidence. Students also acquire an understanding of the factors and skills that contribute to healthy development and learn how their own well-being is affected by, and affects, the world around them. Students build their sense of self, learn to interact positively with others, and develop their ability to think critically and creatively. This course will focus on Strength and Conditioning.

Prerequisite: None

Healthy Active Living Education, Grade 12, Open,**PPL40**

This course enables students to further develop the knowledge and skills they need to make healthy choices. It places special emphasis on how students can maintain the habits of healthy, active living throughout their lives as they make the transition to adulthood and independent living. Through participation in a wide range of physical activities in a variety of settings, students can enhance their movement competence, personal fitness, and confidence. Students also acquire an understanding of the factors and skills that contribute to healthy development and learn how their own well-being is affected by, and affects, the world around them. Students build their sense of self, learn to interact positively with others, and develop their ability to think critically and creatively.

Prerequisite: None

Introductory Kinesiology, Grade 12, University Preparation**PSK4U**

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

Prerequisite: Any Grade 11 university or university/college preparation course in Science, or any Grade 11 or 12 course in Health and Physical Education

NOTE: SBI4U STRONGLY RECOMMENDED

Prerequisite Chart

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INTERDISCIPLINARY STUDIES



Interdisciplinary Studies - LINK, Grade 12, Open Grade 12, University	IDC4O IDC4U
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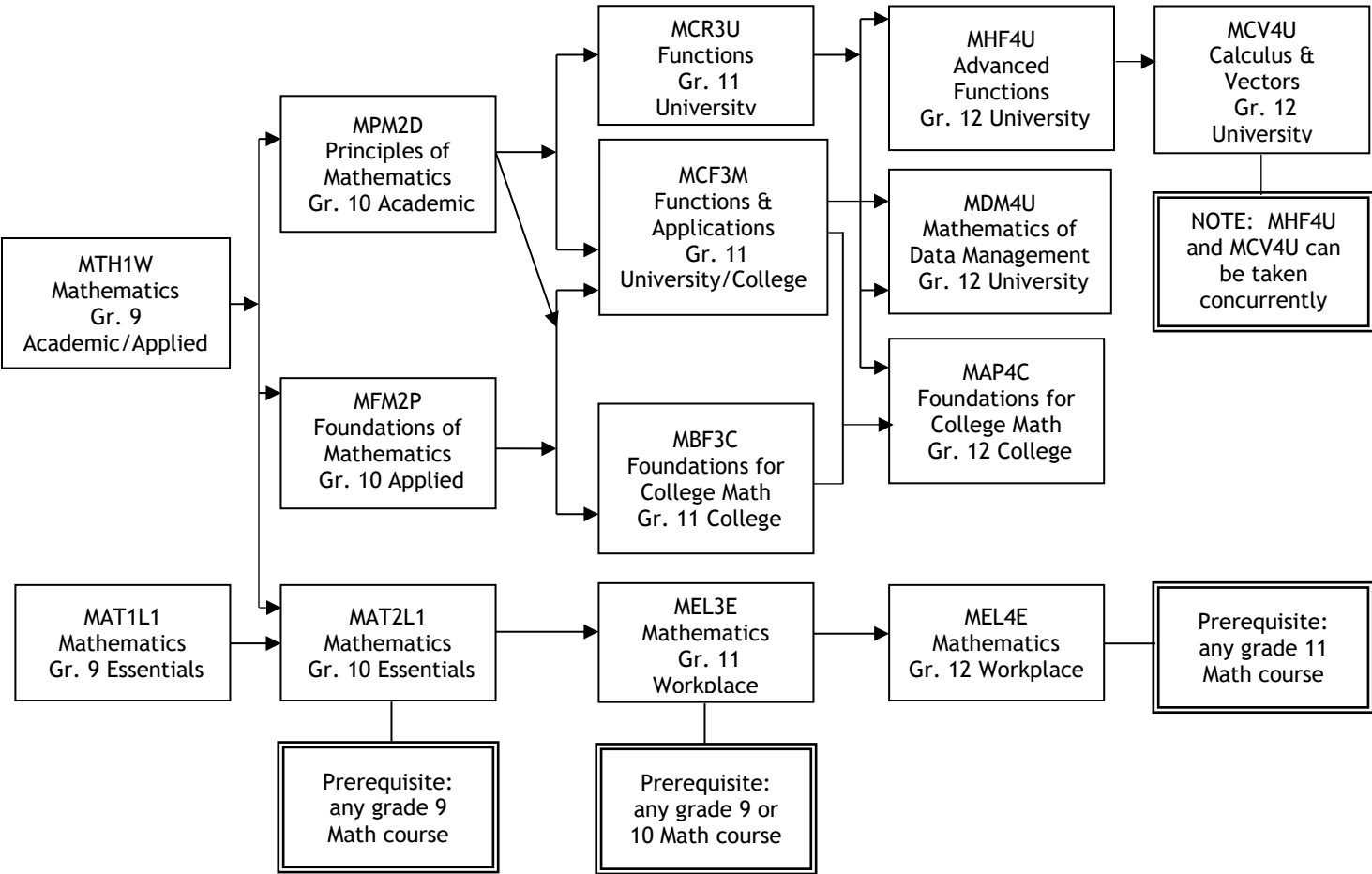
This course focuses on the skills and knowledge that are needed to further the philosophy of Students Helping Students. Link Crew is a structured transitional program that provides senior students with leadership training and opportunities as they mentor Grade 9 students in order to help facilitate the transition into high school, in an effort to create relationships and a positive school environment. This course provides students the opportunity to develop and reflect upon personal leadership, organization, and communication skills in order to become positive role models, motivators and peers.

Additional requirements: Interviews are required for students to participate in this course.

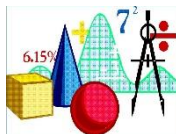
Prerequisite Chart

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MATHEMATICS



MATHEMATICS



Mathematics, Grade 9, Academic

MTH1W

This course enables students to consolidate, and continue to develop, an understanding of mathematical concepts related to number sense and operations, algebra, measurement, geometry, data, probability, and financial literacy. Students will use mathematical processes, mathematical modelling, and coding to make sense of the mathematics they are learning and to apply their understanding to culturally responsive and relevant real-world situations. Students will continue to enhance their mathematical reasoning skills, including proportional reasoning, spatial reasoning, and algebraic reasoning, as they solve problems and communicate their thinking.

Prerequisite: None

Mathematics, Grade 9, Essentials

MAT1L1

These courses emphasize further development of mathematical knowledge and skills to prepare students for success in their everyday lives, in the workplace, in the Grade 10 Essentials course and in the Mathematics Grade 11 and Grade 12 Workplace Preparation courses. The course is organized by three strands related to money sense, measurement and proportional reasoning. In all strands, the focus is on developing and consolidating key foundational mathematical concepts and skills by solving authentic, everyday problems. Students have opportunities to further develop their mathematical literacy and problem-solving skills and to continue developing their skills in reading, writing and oral language through relevant and practical math activities.

Prerequisite: None

Principles of Mathematics, Grade 10, Academic

MPM2D

This course enables students to broaden their understanding of relationships and extend their problem-solving and algebraic skills through investigation, the effective use of technology, and abstract reasoning. Students will explore quadratic relations and their applications; solve and apply linear systems; verify properties of geometric figures using analytic geometry; and investigate the trigonometry of right and acute triangles. Students will reason mathematically and communicate their thinking as they solve multi-step problems.

Prerequisite: Mathematics, Grade 9, Academic/Applied

Foundations of Mathematics, Grade 10, Applied

MF2P

This course enables students to consolidate their understanding of linear relations 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 relations. Students will investigate similar triangles, the trigonometry of right triangles, and the measurement of three-dimensional figures. Students will consolidate their mathematical skills as they solve problems and communicate their thinking.

Prerequisite: Mathematics, Grade 9, Academic or Applied

Mathematics, Grade 10, Essentials**MAT2L1**

This course emphasizes the extension of mathematical knowledge and skills to prepare students for success in their everyday lives, in the workplace and in the Mathematics Grade 11 and Grade 12 Workplace Preparation courses. The course is organized by three strands related to money sense, measurement and proportional reasoning. In all strands, the focus is on strengthening and extending key foundational mathematical concepts and skills by solving authentic, everyday problems. Students have opportunities to extend their mathematical literacy and problem-solving skills and to continue developing their skills in reading, writing and oral language through relevant and practical math activities.

Prerequisite: Any Grade 9 Mathematics

Functions, Grade 11, University Preparation**MCR3U**

This course introduces the mathematical concept of the function by extending students' experiences with linear and quadratic relations. Students will investigate properties of discrete and continuous functions, including trigonometric and exponential functions; represent functions numerically, algebraically, and graphically; solve problems involving applications of functions; investigate inverse functions; and develop facility in determining equivalent algebraic expressions. Students will reason mathematically and communicate their thinking as they solve multi-step problems.

Prerequisite: Principles of Mathematics, Grade 10, Academic

Functions and Applications, Grade 11, College/University Preparation**MCF3M**

This course introduces basic features of the functions by extending students' experiences with quadratic relations. It focuses on quadratic, trigonometric, and exponential functions and their use in modelling real-world situations. Students will represent functions numerically, graphically, and algebraically; simplify expressions; solve equations; and solve problems relating to applications. Students will reason mathematically and communicate their thinking as they solve multi-step problems.

Prerequisite: Principles of Mathematics, Grade 10, Academic, or Foundations of Mathematics, Grade 10, Applied

Foundations for College Mathematics, Grade 11, College Preparation**MBF3C**

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; investigate situations involving exponential growth; solve problems involving compound interest; solve financial problems connected with vehicle ownership; develop their ability to reason by collecting, analysing, and evaluating data involving one variable; connect probability and statistics; and solve problems in geometry and trigonometry. Students will consolidate their mathematical skills as they solve problems and communicate their thinking.

Prerequisite: Principles of Mathematics, Grade 10, Academic, or Foundations of Mathematics, Grade 10, Applied

**Mathematics for Work and Everyday Life,
Grade 11, Workplace Preparation****MEL3E**

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.

Prerequisite: Any Grade 9 or 10 Mathematics

Calculus and Vectors, Grade 12, University Preparation**MCV4U**

This course builds on students' previous experience with functions and their developing understanding of rates of change. Students will solve problems involving geometric and algebraic representations of vectors and representations of lines and planes in three dimensional space; broaden their understanding of rates of change to include the derivatives of polynomial, sinusoidal, exponential, rational, and radical functions; and apply these concepts and skills to the modelling of real-world relationships. Students will also refine their use of the mathematical processes necessary for success in senior mathematics. This course is intended for students who choose to pursue careers in fields such as science, engineering, economics, and some areas of business, including those students who will be required to take a university-level calculus, linear algebra, or physics course.

Prerequisite: Advanced Functions, Grade 12, University Preparation.

****Note: If necessary, this course can be taken concurrently with MHF4U.****

Advanced Functions, Grade 12, University Preparation**MHF4U**

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.

Prerequisite: Functions, Grade 11, University Preparation or Mathematics for College Technology, Grade 12, College Preparation

Mathematics of Data Management, Grade 12, University Preparation**MDM4U**

This course broadens students' understanding of mathematics as it relates to managing data. Students will apply methods for organizing and analysing large amounts of information; solve problems involving probability and statistics; and carry out a culminating investigation that integrates statistical concepts and skills. Students will also refine their use of the mathematical processes necessary for success in senior mathematics. Students planning to enter university programs in business, the social sciences, and the humanities will find this course of particular interest.

Prerequisite: Functions, Grade 11, University Preparation, or Functions and Applications, Grade 11, University/College Preparation

Foundations for College Mathematics, Grade 12, College Preparation**MAP4C**

This course enables students to broaden their understanding of real-world applications of mathematics. Students will analyse data using statistical methods; solve problems involving applications of geometry and trigonometry; solve financial problems connected with annuities, budgets, and renting or owning accommodation; simplify expressions; and solve equations. Students will reason mathematically and communicate their thinking as they solve multi-step problems. This course prepares students for college programs in areas such as business, health sciences, and human services, and for certain skilled trades

Prerequisite: Foundations for College Mathematics, Grade 11, College Preparation, or Functions and Applications, Grade 11, University/College Preparation (or Functions, Grade 11, University Preparation)

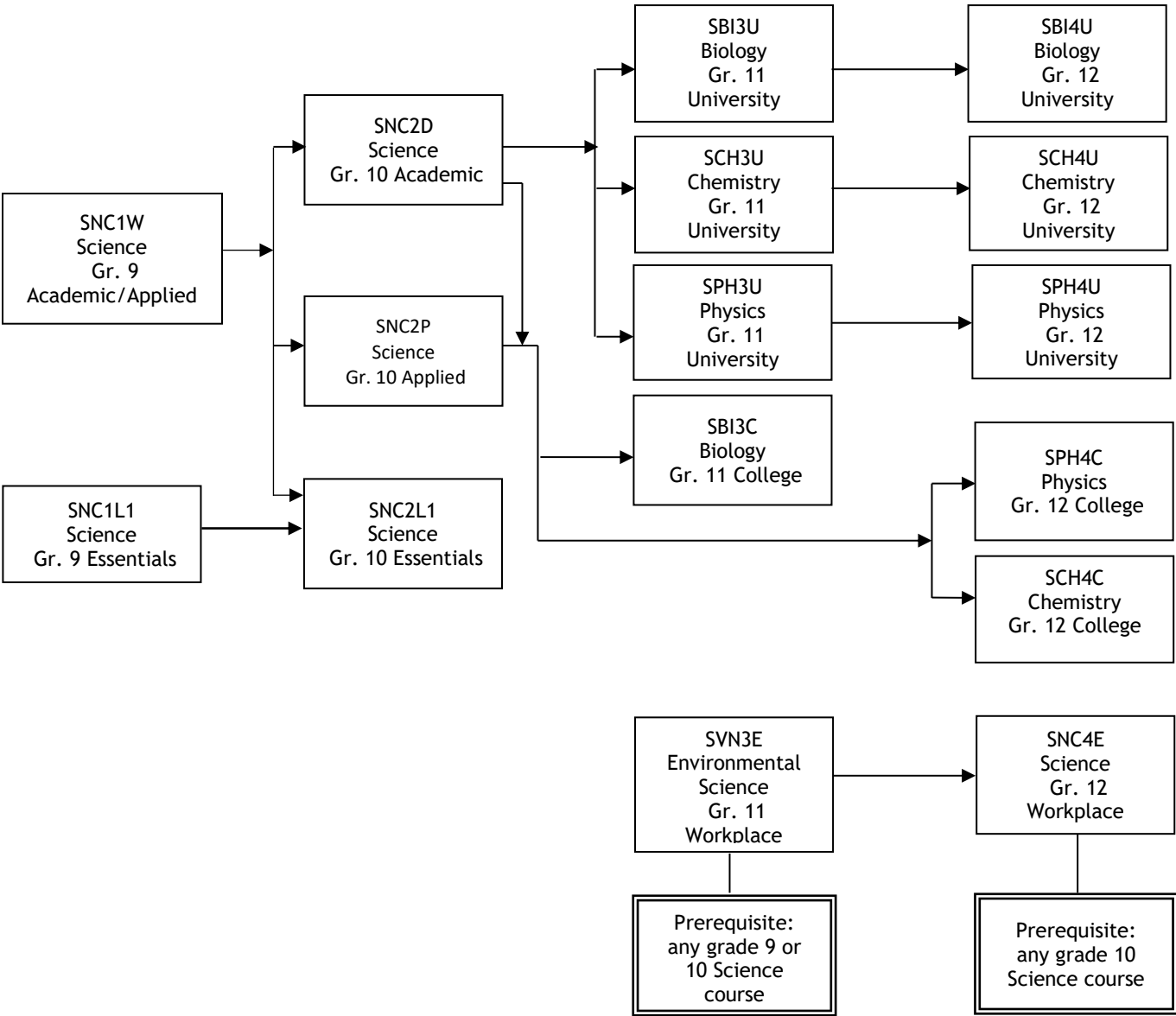
This course enables students to broaden their understanding of mathematics as it is applied in the workplace and daily life. Students will investigate questions involving the use of statistics; apply the concept of probability to solve problems involving familiar situations; investigate accommodation costs, create household budgets, and prepare a personal income tax return; 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.

Prerequisite: Mathematics for Work and Everyday Life, Grade 11, Workplace Preparation

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SCIENCE



SCIENCE



Science, Grade 9, Academic/Applied

SNC1W

This course enables students to understand essential concepts in biology, chemistry, earth and space science and physics and to relate science to technology, society, and the environment. Throughout the course, students will develop their skills in the processes of scientific investigation. Students will acquire an understanding of scientific theories and conduct investigations related to sustainable ecosystems; atomic and molecular structures and the properties of elements and compounds; the study of the universe and its properties and components; and the principles of electricity.

Prerequisite: None

Science, Grade 9, Essentials

SNC1L1

This course reinforces and strengthens science-related knowledge and skills including scientific inquiry, critical thinking and the relationship between science, society and the environment. Students will be prepared for success in everyday life, in the workplace and in the Science Grade 11 Workplace Preparation course. Students explore a range of topics including science in daily life, properties of common materials, life sustaining processes in simple and complex organisms and electrical circuits. Students have the opportunity to extend mathematical and scientific process skills and to continue developing their skills in reading, writing and oral language through relevant and practical science activities.

Prerequisite: None

Science, Grade 10, Academic

SNC2D

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 animal and plants; chemical reactions, with a particular focus on acid-base reactions; forces that affect climate and climate change; and the interaction of light and matter.

Prerequisite: Science, Grade 9, Academic or Applied

Science, Grade 10, Applied

SNC2P

This course enables students to develop a deeper understanding of concepts in biology, chemistry, earth and space science and physics, and to apply their knowledge of science in real-world situations. Students are given opportunities to develop further practical skills in scientific investigation. Students will plan and conduct investigations into everyday problems and issues related to human cells and body systems; chemical reactions; factors affecting climate change; and the interaction of light and matter.

Prerequisite: Science, Grade 9, Academic or Applied

Science, Grade 10, Essentials**SNC2L1**

This course reinforces and strengthens science-related knowledge and skills, including scientific inquiry, critical thinking and the environmental impact of science and technology. Students will be prepared for success in everyday life, in the workplace and in the Science Grade 11 Workplace Preparation course. Students explore a range of topics including science in the media, interactions of common materials, interdependence of organisms in communities and the use of electrical energy. Students have the opportunity to extend mathematical and scientific process skills and to continue developing their skills in reading, writing and oral language through relevant and practical science activities.

Prerequisite: Science, Grad 9 Essentials

Science, Grade 11, Workplace Preparation**SVN3E**

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: Science, Grade 9, Academic or Applied, Science, Grade 9 Locally Developed,

Science, Grade 12, Workplace Preparation**SNC4E**

This course provides students with the fundamental science knowledge and workplace skills needed to prepare them for success beyond secondary school. Students will explore hazards in the workplace, chemicals in consumer products, disease and its prevention, electricity at home and at work, and nutritional science. Emphasis is placed on current topics in science and relevant, practical activities that develop students' literacy and mathematical literacy skills and enhance their scientific literacy.

Prerequisite: Science, Grade 10, Academic or Applied

**BIOLOGY****Biology, Grade 11, University Preparation****SBI3U**

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

Prerequisite: Science, Grade 10, Academic

Biology, Grade 11, College Preparation**SBI3C**

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

Prerequisite: Science, Grade 10, Academic or Applied

Biology, Grade 12, University Preparation**SBI4U**

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

Prerequisite: Biology, Grade 11, University Preparation

**CHEMISTRY****Chemistry, Grade 11, University Preparation****SCH3U**

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: Science, Grade 10, Academic

Chemistry, Grade 12, University Preparation**SCH4U**

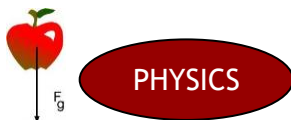
This course enables students to deepen their understanding of chemistry through the study of organic chemistry, the structure and properties of matter, energy changes and rates of reaction, equilibrium in chemical systems, and electrochemistry. Students will further develop their problem-solving and investigation skills as they investigate chemical processes, and will refine their ability to communicate scientific information. Emphasis will be placed on the importance of chemistry in everyday life and on evaluating the impact of chemical technology on the environment.

Prerequisite: Chemistry, Grade 11, University Preparation

Chemistry, Grade 12, College Preparation**SCH4C**

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

Prerequisite: Science, Grade 10, Academic or Applied



Physics, Grade 11, University Preparation

SPH3U

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

Prerequisite: Science, Grade 10, Academic

Physics, Grade 12, University Preparation

SPH4U

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

Prerequisite: Physics, Grade 11, University Preparation

Physics, Grade 12, College Preparation

SPH4C

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.

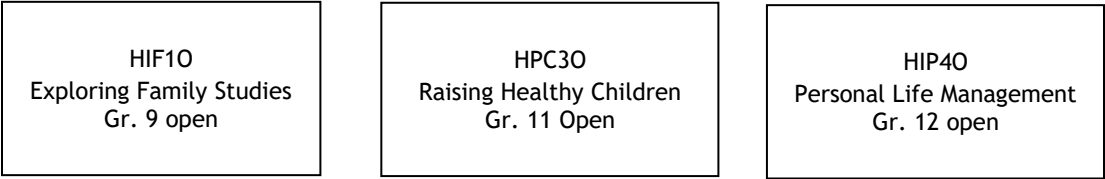
Prerequisite: Science, Grade 10, Academic or Applied

Prerequisite Chart

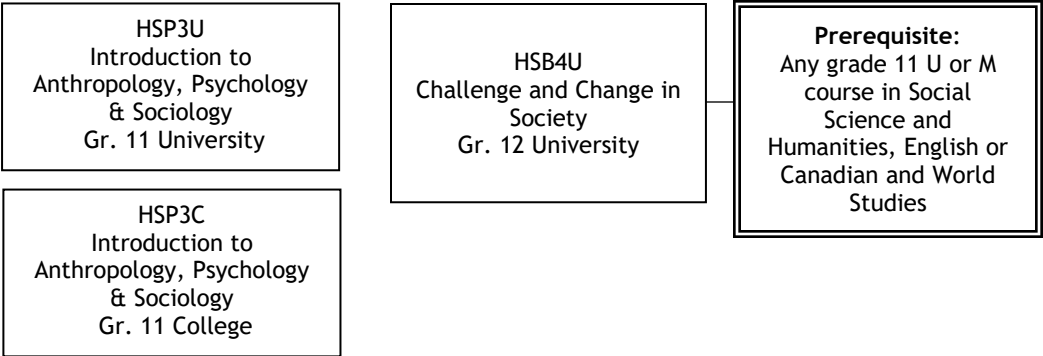
This chart maps out courses that may be offered at SFDCI and shows the links between courses and the possible prerequisites for them. It does not reflect all possible movement from course to course. If you do not have the required prerequisites, please see a Guidance Counsellor.

SOCIAL SCIENCES & HUMANITIES

FAMILY STUDIES



General Social Science



SOCIAL SCIENCE & HUMANITIES



FAMILY STUDIES-Raising and Caring for Children

Exploring Family Studies, Grade 9, Open

HIF10

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.

Prerequisite: None

Raising Healthy Children, Grade 11, Open

HPC30

This course focuses on the skills and knowledge parents, guardians, and caregivers need, with particular emphasis on maternal health, pregnancy, birth, and the early years of human development (birth to six years old). Through study and practical experience, students will learn how to meet the developmental needs of young children, communicate with them, and effectively guide their early behaviour. Students will develop their research skills through investigations related to caregiving and child rearing.

Prerequisite: None

Personal Life Management, Grade 12, Open

HIP40

This course focuses on preparing students for living independently and working successfully with others. Students will learn to manage their personal resources to meet their basic needs for food, clothing, and housing. They will also learn about their personal, legal, and financial responsibilities and develop and apply interpersonal skills in order to make wise and responsible personal and occupational choices. Students will apply research and inquiry skills while investigating topics related to personal life management. The course emphasizes the achievement of expectations through practical experiences.

Prerequisite: None



GENERAL SOCIAL SCIENCE

Introduction to Anthropology, Psychology, and Sociology,
Grade 11, University Preparation

HSP3U

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

Prerequisite: The Grade 10 academic course in English or the Grade 10 academic History course (Canadian and World Studies)

Introduction to Anthropology, Psychology, and Sociology,
Grade 11, College Preparation

HSP3C

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

Prerequisite: None

Challenge and Change in Society,
Grade 12, College/University Preparation

HSB4U

This course focuses on the use of social science theories, perspectives, and methodologies to investigate and explain shifts in knowledge, attitudes, beliefs, and behaviour and their impact on society. Students will critically analyse how and why cultural, social, and behavioural patterns change over time. They will explore the ideas of social theorists and use those ideas to analyse causes of and responses to challenges such as technological change, deviance, and global inequalities. Students will explore ways in which social science research methods can be used to study social change.

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

Note: This course will be offered alternating years. It will be offered in 2024-2025.

Prerequisite Chart

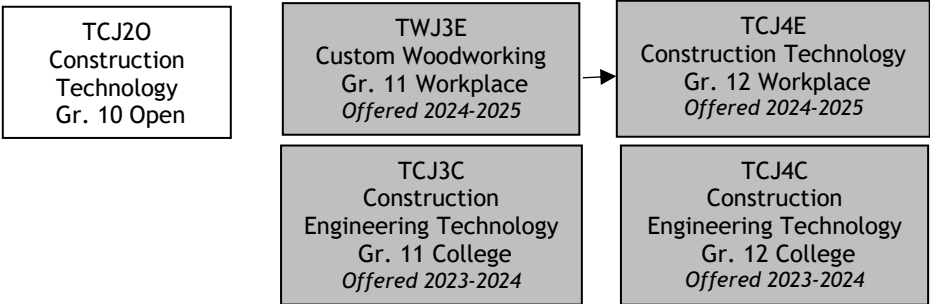
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TECHNOLOGY

SHSM
Hospitality &
Tourism
See Your Counsellor

SHSM
Agriculture
See Your
Counsellor

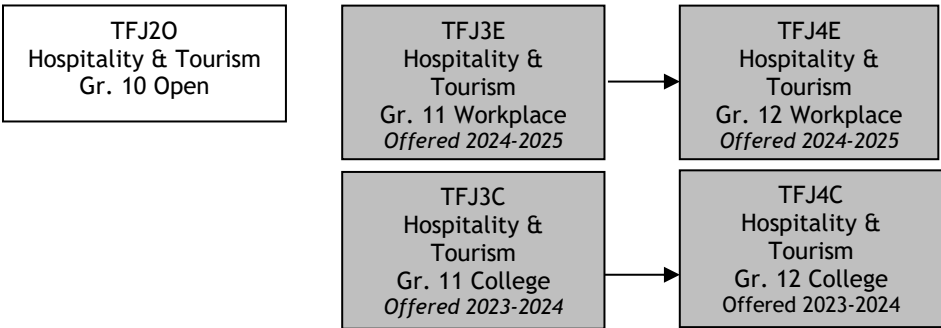
CONSTRUCTION TECHNOLOGY



GREEN INDUSTRIES



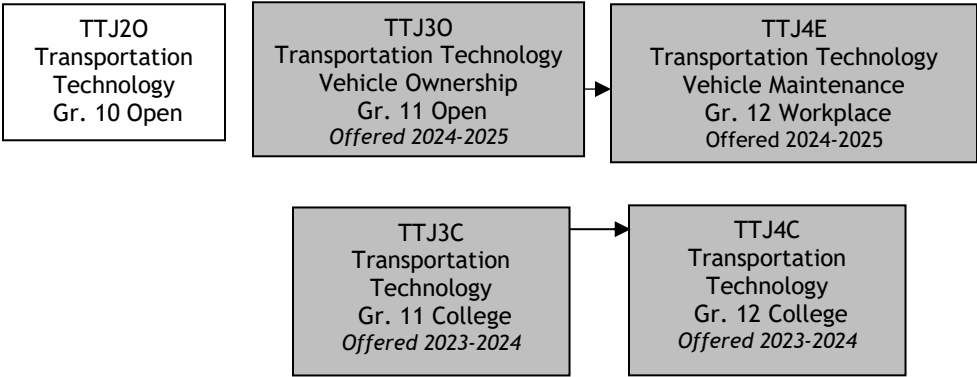
HOSPITALITY & TOURISM



INTEGRATED TECHNOLOGIES



TRANSPORTATION TECHNOLOGY



TECHNOLOGICAL EDUCATION

SHSM - AGRICULTURE

The SFDCI SHSM Agriculture program is designed to engage students interested in Agriculture and/or the Trades. The certifications and experiences will be customized to the individual students' needs.

Prerequisite: Application and Interview. See your guidance counselor

SHSM - HOSPITALITY AND TOURISM

The SFDCI SHSM-Hospitality enables students to build a foundation of sector-focused knowledge and skills before graduating and entering apprenticeship training, college, university, or an entry-level position in the workplace. The Hospitality SHSM is designed to have a particular focus on the restaurant and food service industry.

Prerequisite: Application and Interview. See your guidance counselor



CONSTRUCTION TECHNOLOGY

Construction Technology, Grade 10, Open

TCJ20

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.

Prerequisite: None

Construction Engineering Technology, Grade 11, College

TCJ3C

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 will explore career opportunities in the field.

Prerequisite: None

Note: This course will be offered alternating years. It will be offered in 2023-2024.

Custom Woodworking, Grade 11, Workplace**TWJ3E**

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 will explore apprenticeships, postsecondary training, and career opportunities in the field that may be pursued directly after graduation.

Prerequisite: None

Note: This course will be offered alternating years. It will be offered in 2024-2025.

Construction Engineering Technology, Grade 12, College**TCJ4C**

This course enables students to further develop knowledge and skills related to residential construction and to explore light commercial construction. Students will gain hands-on experience using a variety of materials, processes, tools, and equipment, and will learn more about building design and project planning. They will continue to create and interpret construction drawings and will extend their knowledge of construction terminology and of relevant building codes and regulations, as well as health and safety standards and practices. Students will also focus on environmental and societal issues related to construction engineering technology, and will explore career opportunities in the field.

Prerequisite: Construction Engineering Technology, Grade 11, College Preparation

Note: This course will be offered alternating years. It will be offered in 2023-2024.

Construction Technology, Grade 12, Workplace**TCJ4E**

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 will explore entrepreneurship and career opportunities in the industry that may be pursued directly after graduation.

Prerequisite: Custom Woodworking, Grade 11, Workplace Preparation

Note: This course will be offered alternating years. It will be offered in 2024-2025.

**GREEN INDUSTRIES****Green Industries, Grade 10, Open****THJ2O**

This course introduces students to the various sectors of the green industries - agriculture, forestry, horticulture, floristry, and landscaping. Using materials, processes, and techniques commonly employed in these industries, students will participate in a number of hands-on projects that may include plant or animal propagation; production, maintenance, and harvesting activities; the development of floral or landscaping designs; and/or related construction activities. Students will also develop an awareness of environmental and societal issues related to green industry activities, learn about safe and healthy working practices, and explore secondary and postsecondary education and training pathways and career opportunities in the various industry sectors.

Prerequisite: None

Green Industries, Grade 11, Workplace Preparation**THJ3E**

This course enables students to develop knowledge and skills related to agriculture, floristry, forestry, horticulture, and landscaping. Students will learn to identify a broad range of plant and animal species; examine factors that affect the growth of plants and animals and the quality of products derived from them; and develop process, design, and maintenance skills required in the green industries. Students will also learn about safe and healthy working practices, develop an awareness of environmental and societal issues related to green industry activities, and learn about apprenticeships and other postsecondary education and training opportunities, as well as employment opportunities that may be pursued directly after graduation.

Prerequisite: None

Green Industries, Grade 11, University/College**THJ3M**

This course enables students to develop knowledge and skills related to agriculture, forestry, horticulture, and landscaping. Students will study the identification, growth, and management of plants and animals and develop process, design, and management skills required in the green industries. Students will also examine social and economic issues related to the green industries, learn about safe and healthy working practices, study industry standards and codes, and will explore postsecondary education programs and career opportunities.

Prerequisite: None

Green Industries, Grade 12, Workplace Preparation**THJ4E**

This course enables students to gain further experience with a variety of industry procedures and operations and to acquire additional industry-specific skills. Students will study more complex processes, develop more advanced design and maintenance skills, and explore ways of enhancing environmental sustainability. They will also examine social and economic issues related to the green industries, learn about safe and healthy working practices, study industry standards and codes, and explore career opportunities in the various industries. The knowledge and skills acquired in this course will prepare students for the workplace and apprenticeship training.

Prerequisite: Green Industries, Grade 11, Workplace Preparation

Green Industries, Grade 12, University/College**THJ4M**

This course focuses on more complex concepts and skills related to the green industries. Students will focus on developing process skills, design and management techniques, and ways of enhancing environmental sustainability. They will also examine social and economic issues related to the green industries, learn about safe and healthy working practices, study industry standards and codes, and explore career opportunities. The knowledge and skills acquired in this course will prepare students for more specialized studies at the college and university level.

Prerequisite: Green Industries, Grade 11, University/College Preparation



HOSPITALITY & TOURISM

Hospitality and Tourism, Grade 10, Open

TFJ20

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.

Prerequisite: None

Hospitality and Tourism, Grade 11, College

TFJ3C

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.

Prerequisite: None

Note: This course will be offered alternating years. It will be offered in 2023-2024.

Hospitality and Tourism, Grade 11, Workplace Preparation

TFJ3E

This course focuses on food preparation and management, and hospitality and tourism activities, equipment, and facilities. Students will learn how to prepare, present, and serve food; plan, manage, and promote activities; and use the necessary equipment. Throughout the course, they will learn the fundamentals of providing high-quality service and customer satisfaction. Students will also study the occupational health and safety standards and laws regulating the hospitality and tourism industry, explore the industry's social and environmental impacts, and identify possible career paths. Students that are part of the Specialist High Skills Major will also complete a focus program in baking or cooking.

Prerequisite: None

Note: This course will be offered alternating years. It will be offered in 2024-2025.

Hospitality and Tourism, Grade 12, College

TFJ4C

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: Hospitality and Tourism, Grade 11, College Preparation

Note: This course will be offered alternating years. It will be offered in 2023-2024.

This course provides students with opportunities to analyse the characteristics and standards of the tourism industry, determine the factors that promote its success, and investigate principles and procedures that contribute to high-quality customer service. Students will also assess facilities and activities that attract tourists, and study communication and customer service techniques. In addition to exploring career opportunities, students will analyse the relationship between tourism and the economy and propose ways to enhance the performance of the industry. Students that are part of the Specialist High Skills Major will also complete a focus program in baking or cooking.

Prerequisite: Hospitality and Tourism, Grade 11, Workplace Preparation

Note: This course will be offered alternating years. It will be offered in 2024-2025.



INTEGRATED TECHNOLOGIES

This course enables students to further explore and develop technological knowledge and skills introduced in the elementary science and technology program. Students will be given the opportunity to design and create products and/or provide services related to the various technological areas or industries, working with a variety of tools, equipment, and software commonly used in industry. Students will develop an awareness of environmental and societal issues, and will begin to explore secondary and postsecondary education and training pathways leading to careers in technology-related fields.

Prerequisite: None

NOTE: This is a compulsory course for students choosing the STEM program.



TRANSPORTATION TECHNOLOGY

This course introduces students to the service and maintenance of vehicles, aircraft, and/or watercraft. Students will develop knowledge and skills related to the construction and operation of vehicle/craft systems and learn maintenance and repair techniques. Student projects may include the construction of a self-propelled vehicle or craft, engine service, tire/wheel service, electrical/battery service, and proper body care. Students will develop an awareness of related environmental and societal issues, and will explore secondary and postsecondary pathways leading to careers in the transportation industry.

Prerequisite: None

This course enables students to develop technical knowledge and skills as they study, test, service, and repair engine, electrical, suspension, brake, and steering systems on vehicles, aircraft, and/or watercraft. Students will develop communication and teamwork skills through practical tasks, using a variety of tools and equipment. Students will develop an awareness of environmental and societal issues related to transportation, and will learn about apprenticeship and college programs leading to careers in the transportation industry.

Prerequisite: None

Note: This course will be offered alternating years. It will be offered in 2023-2024.

Transportation Technology Vehicle Ownership, Grade 11, Open**TTJ30**

This general interest course enables students to become familiar with the options and features of various vehicles, issues of registration, and the legal requirements affecting vehicle owners. Students will also learn about vehicle financing and insurance, vehicle maintenance, emergency procedures, and the responsibilities of being a vehicle owner. Students will develop an awareness of environmental and societal issues related to vehicle ownership and use, and will explore career opportunities in the transportation industry.

Prerequisite: None

Note: This course will be offered alternating years. It will be offered in 2024-2025.

Transportation Technology, Grade 12, College**TTJ4C**

This course enables students to further develop technical knowledge and skills as they study, test, service, and repair engine management systems; powertrains; 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: Transportation Technology, Grade 11, College Preparation

Note: This course will be offered alternating years. It will be offered in 2023-2024.

**Transportation Technology: Vehicle Maintenance, Grade 12,
Workplace Preparation****TTJ4E**

This course introduces students to the servicing, repair, and maintenance of vehicles through practical applications. The course is appropriate for all students as a general interest course to prepare them for future vehicle operation, care, and maintenance or for entry into an apprenticeship in the motive power trades. Students will develop an awareness of environmental and societal issues related to transportation, and will learn about careers in the transportation industry and the skills and training required for them.

Prerequisite: None

Note: This course will be offered alternating years. It will be offered in 2024-2025.