

# Course Selection Calendar 2020-2021

*Bound by Respect ♦ Bound by Acceptance ♦ Bound by Faith*



*St. Mary's High School*

## *ST. MARY'S SCHOOL PRAYER*

*Loving and gracious God, we thank you for our lives,  
our families, our education and our ability to love  
as a community and to reach out to those in need.*

*May your holy Mother Mary always inspire us  
with her obedience, humility, courage and  
strength to put Your will first in our lives.*

*Teach us to accept the uniqueness and imagination  
of every person. Provide us with patience and  
give us strength to endure each day with its joys,  
struggles and pains.*

*Through each moment, we are bound by respect.  
Through our strength we are bound by acceptance.  
Through times of weakness we are bound by faith.  
In our loving community let us continue  
to do your work as the way to answer  
the call to holiness.*

*Saint Mary*

*Pray for us.*

## A More Excellent Way



Welcome to St. Mary's High School where we are bound by respect, acceptance, and faith. We are pleased to welcome you into our Catholic school community. The staff at St. Mary's works very hard to ensure your success, and we are very proud of our school.

St. Mary's has some unique characteristics that make it an excellent choice for students and their parents. Our school is vibrant and relatively small (985 students) which gives staff and students the opportunity to build positive, supportive relationships. Students appreciate the extra support and guidance they receive from their teachers. Our relatively small high school also provides our students with plenty of extracurricular opportunities ranging from golfing to swimming as well as many non athletic extracurricular activities such as yearbook and choir. Getting involved is a great way to ensure success at St. Mary's.

Because St. Mary's is a Catholic high school, our primary mission is to educate the whole child; in essence, we have a strong focus on each student's spiritual, intellectual, physical, and social well-being. We also enlist the help and support of our parents through frequent reporting periods and home contacts. We believe in strong parent-teacher communication, and we will keep you informed about your child's progress.

The intent of this booklet is to give students and their parents the information they require in order to make decisions around course selection for the 2020-2021 school year. If you have any questions, do not hesitate to ask.

May the Lord bless you and guide you on your journey at St. Mary's High School, and may you always have the utmost success.

Principal: Mr. A. van Wieringen

Vice-Principal: Mr. M. Murphy and Mr. Kirby

Phone: 519-376-4278

***Bound by Respect • Bound by Acceptance • Bound by Faith***

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# The Philosophy of Catholic Secondary Schools



The words of Pope Benedict XVI succinctly express the essence of Catholic education: "Education is integral to the mission of the Church to proclaim the Good News."

- Address to Catholic Educators, Catholic University of America, April 2008

A Catholic Secondary School is a school where God, God's Truth and God's life are integrated into the entire syllabus, curriculum and life of the school. Academic excellence in every area is stressed within a Christ-centred approach. Catholic secondary schools continue to nurture students in a Christian Community. This Christian community involves students, teachers, parents and pastors reaching out to all people to minister to their needs, their sufferings and their upward climb to fulfillment in Christ.

Catholic secondary schools offer courses of study which are developed from the most current Ministry of Education guidelines. Each student within the secondary schools, is expected to take a full credit Religious Studies course each year.

The philosophy of Catholic Secondary Schools may be summarized as a **joyful experience lived fully in a Christ-centred environment.**

## Objectives of Catholic Secondary Schools

1. To assist our students towards self-awareness through knowledge of their abilities, their limitations, their self-worth and their fundamental recognition of God's constant love for them.
2. To develop a growing awareness of Christian values which are reflected in human behaviour.
3. To enable the student to recognize in every relationship the uniqueness of each individual and to accept, respect and appreciate that special combination in a person.
4. To acquire skills that contribute to self-reliance in solving practical problems in everyday life.
5. To inspire and provide opportunities for the student to witness their beliefs in Jesus Christ.
6. To strive for academic excellence in all areas of the curriculum.

SUBJECT	GRADE 9	GRADE 10	GRADE 11	GRADE 12
ARTS:	ADA101 AMU101  AVI101 ATC101	ADA201 AMU201 ATC201  AMV 201 AVI201	ADA3M1 AMU3M1 AWQ3M1 AMV 3M1 AVI3M1 ASM3M1	ADA4M1 AMU4M1 AVI4M1 ASM4M1 AWQ4M1
BUSINESS STUDIES			BAF3M1 BDI3C1 BMI3C1	BAT4M1
CIVICS/CAREER STUDIES	TEJ1O1	CHV2O1/GLC2O1		
CO-OP ED				COP4X2 BNPD COP4X4
COMPUTER STUDIES		ICS201	ICS3U1 ICS3C1	ICS4U1 ICS4C1
ENGLISH	ENG1D1 ENG1P1 ENG1L1	ENG2D1 ENG2P1 ENG2L1	ENG3U1 EMS3O1 NBE3U1 NBE3C1 ENG3E1	ENG4U1 ENG4C1 ENG4E1 OLC 4O1 EWC4C1 EWC4U1* ETS4C1 ETS4U1
FRENCH (CORE)	FSF1D1 FSF1P1	FSF2D1	FSF3U1	FSF4U1
FRENCH IMMERSION	FIF1DF CGC1DF** HRE1OF	FIF2DF CHC2DF HRE2OF	FIF3UF HRT3MF	FIF4UF HRE4MF
GEOGRAPHY	CGC1D1 CGC1P1		CGG3O1	CGW4U1 CIA4U1
GUIDANCE			GWL3O1	
HISTORY		CHC2D1 CHC2DF CHC2P1 CHC2L1	CHW3M1	CHI4U1*** CHY4U1 CHY4C1
LAW			CLU3M1 CLU3E1	CLN4U1
MATHEMATICS	MPM1D1 MFM1P1 MAT1L1	MPM2D1 MFM2P1 MAT2L1	MBF3C1 MEL3E1 MCF3M1 MCR3U1	MCV4U1 MDM 4U1 MCT4C1 MAP4C1 MHF4U1 MEL4E1
FNMI STUDIES	NAC1O1	NAC2O1	NDA3M1 NBE3U1 NBE3C1	NDW4M1
PHYSICAL EDUCATION	PPL1OF PPL1OM	PPL2OF PPL2OM	PAF3O1 PAL3O1 PPL3O1	PAF4O1 PAL4O1 PPL4O1 PSK 4U1
RELIGION	HRE1O1	HRE2O1	HRT3M1 HRT3MF HRF3O1	HRE4M1 HRE 4MF HRE4O1
SCIENCE	SNC1D1 SNC1P1 SNC1L1	SNC2D1 SNC2P1 SNC2L1	SBI3U1 SPH3U1 SBI3C1 SVN3E1 SCH3U1	SBI4U1 SPH4C1 SCH4C1 SPH4U1 SCH4U1 SNC4E1
SOCIAL SCIENCES AND HUMANITIES	HFN1O1	HFN2O1	HPW3C1 HSP3U1	HZT4U1 HSB4U1 HFA4U1 HPD4C1 HFA4C1 HIP4O1
TECHNOLOGY:	TIJ1O1	TCJ2O1 TGJ2O1 TMJ2O1 TTJ2O1	TCJ3C1 TGJ3M1/3O1 TMJ3C1/3E1 TTJ3C1 TPJ3M1 IDC3OF	TCJ4C1 TDJ4M1 TGJ4M1/4O1 TMJ4C1/4E1 TTJ4C1/4E1

ETS4U1 and ETS4C1 will be offered in the 2020-2021 school year

\*EWC4U1 and EWC4C1 will be offered in the 2021-2022 school year

CHC2DF - Canadian History (French Immersion) will be offered in the 2021-2022 school year

\*\*CGC1DF - Canadian Geography (French Immersion) will be offered in the 2020-2021 school year

CHY4U1 and CHY4C1 will be offered in the 2021-2022 school year

\*\*\*CHI4U1 & CHI4C1 will be offered in the 2020-2021 school year

# THE ONTARIO SECONDARY SCHOOL DIPLOMA

All students entering Grade 9 on or after September 1, 1999 will be working toward the Ontario Secondary School Diploma (O.S.S.D.). To obtain the O.S.S.D., a student must successfully complete a minimum of 30 credits of 110 hours of instruction each. The following 18 credits are compulsory for the completion of the diploma:

## *Required Compulsory Courses*

<b>Subject Area</b>	<b>Required Number of Credits</b>
English*	4 credits
French	1 credit
Mathematics	3 credits
Science	2 credits
Canadian Geography	1 credit
Canadian History	1 credit
Arts (Music, Drama, Visual Arts)	1 credit
Physical Education	1 credit
Civics	½ credit
Career Studies	½ credit

## *Compulsory Course Options*

English, or French as a second language, or a Native language, or a classical or an international language, or Social Science and the Humanities, or Canadian and World Studies, or Guidance and Career Education, or Co-operative Education **	1 credit
Health and Physical Education, or the Arts, or Business, or French as a second language, Co-operative Education**	1 credit
Computer Studies (Grade 10-12), or Science (Grade 11 or 12), or Technological Education Grade 9-12), or French as a second language, or Co-operative Education	1 credit
<b>Total Required Credits</b>	<b>18 Credits</b>

\* A maximum of 3 credits in English as a second language (ESL) or English literacy development (ELD) may be counted towards the 4 compulsory credits in English, but the fourth must be a credit earned for a Grade 12 compulsory English course.

\*\* A maximum of 2 credits in Co-operative Education can count as compulsory credits. The remaining 12 credits are options chosen by the student.

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## *Grade 10 Literacy Test*

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Each student will be required to successfully pass the Grade 10 Literacy Test, which is administered, at the school through the provincial Education Quality and Accountability Office (E.Q.A.O.) or the Grade 12 Literacy Course. Successful completion of this literacy requirement will be indicated on the transcript as a qualification for the O.S.S.D.

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## *Community Service*

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Prior to graduation, each student must complete 40 hours of voluntary community service. This will be tracked by the school but is not associated with any course. It is the students' responsibility to submit their Community Service Tracking Sheet to the main office as hours are completed.

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## *Ontario Secondary School Certificate*

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The Ontario Secondary School Certificate will be granted on request to students, who leave school before earning the Ontario Secondary School Diploma, provided that they have earned a minimum of 14 credits distributed as follows:

### **Compulsory credits (total of 7)**

- 2 credits in English
- 1 credit in Canadian geography or Canadian history
- 1 credit in mathematics
- 1 credit in science
- 1 credit in health and physical education
- 1 credit in the arts or technological education

### **Optional credits (total of 7)**

- 7 credits selected by the student from available courses.
- 

## *Course Prerequisites*

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Some courses build upon the knowledge and skills developed in another course. The course that gives the required background and training is a prerequisite for the course that follows. Information on prerequisite courses is available in Ministry of Education Curriculum Guideline booklets.

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## *FRENCH IMMERSION PROGRAM*

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St. Mary's offers students a French Immersion Program. Students in the French Immersion Program require a total of ten (10) credits taught in French, including a course in Français in each of grades 9 - 12 to be eligible for the French Immersion Certificate. Completion of ten credits is noted on the student's transcript as an area of specialization. The following immersion courses are offered:

Year 1	FIF 1DF (Immersion) HRE 1OF (Religion) CGC 1DF (Geography)
Year 2	FIF 2DF (Immersion) HRE 2OF (Religion) CHC 2DF (History)
Year 3	FIF 3UF (Immersion) HRT 3MF (Religion)
Year 4	FIF 4UF (Immersion) HRE 4MF (Religion)



# SELECTING COURSES

## GRADE 9 AND 10 STUDENTS

Students may select either APPLIED OR ACADEMIC streams for each of the following courses:

ENGLISH  
FRENCH  
GEOGRAPHY  
MATHEMATICS  
SCIENCE  
HISTORY

The following courses may also be taken at the Locally Developed Compulsory Level:

English (Grades 9 & 10)  
Mathematics (Grades 9 & 10)  
Science (Grades 9 & 10)  
History (Grade 10)

All other courses are open courses (UNSTREAMED).

These are:

PHYSICAL EDUCATION  
RELIGIOUS STUDIES  
VISUAL ARTS  
DANCE  
DRAMATIC ARTS  
MUSIC  
ROBOTICS  
INTEGRATED TECHNOLOGIES  
FOOD AND NUTRITION  
FIRST NATIONS, MÉTIS & INUIT STUDIES

### DEFINITION OF ACADEMIC COURSE

In an **academic course**, the essential concepts of a subject are learned and related material explored as well. Knowledge and skill in the subject will be developed through both theory and abstract thinking as a basis for future learning and problem solving.

### DEFINITION OF APPLIED COURSE

An **applied course** covers the essential concepts of a subject. Knowledge and skill will be developed through both theory and practical applications. In **applied courses**, familiar, real-life situations will be used to illustrate ideas, and more opportunities will be provided for hands-on learning.

### DEFINITION OF LOCALLY DEVELOPED COMPULSORY COURSE

A **locally developed compulsory course** covers the essential concepts of a subject. Knowledge and skills are developed through a variety of hands-on activities. The expectations for these courses are based on modifications of the expectations in the applied and academic levels.

### DEFINITION OF OPEN COURSE

An **open course** covers the essential concepts of a subject. Knowledge and skill will be developed through theory and practical applications, but the focus will be on practice of the theory.

Locally Developed Compulsory Courses in Mathematics, Science, and English at the Grade 9 level are available to students who may or may not have an I.E.P. Students in Grade 10 may take locally developed courses in History, Math, English and Science. These credits count as compulsory credits. Enrolment in these courses as a result of changes from the academic or applied level may occur during a semester after consultation among the parent, student and school staff.

Grade 11 and 12 courses may be offered at the University (U), University/College (M), College (C), Workplace (E), or Open (O) levels. University level courses are pre-requisites for Grade 12 courses required for entrance into university. University/College courses typically lead to university entrance as well as many technical courses offered by community colleges. College courses are accepted by colleges as pre-requisites to the majority of their programs while workplace courses lead directly to employment after secondary school. Open courses are unstreamed.

**COURSE CODES**

All courses are symbolized by a course code consisting of three letters followed by a number, letter and a number. The first three letters represent the subject, the first number - the grade level, the letter - the type of course (D = academic, P = Applied, O = Open) followed by the credit value.

CGC1D1	CGC - Geography Canadian	ENG 4U1	ENG - English	4 - Grade 12 U - University 1 - 1 credit
	1 - Grade 9 D - Academic 1 - 1 Credit			
AMU2O1	AMU - Art - Music	MCF 3M1	MCF - Math	3 - Grade 11 M - University/College 1 - 1 credit
	2 - Grade 10 O - Open 1 - 1 credit			
SBI3C1	SBI - Biology	MEL 3E1	MEL - Math	3 - Grade 11 E - Workplace 1 - 1 credit
	3 - Grade 11 C - College 1 - 1 credit			

**CHANGING COURSE TYPES**

Students who wish to change course types in a specific subject ( eg. academic to applied), after Grade 9, may certainly do so. Students who do this are strongly encouraged to successfully complete additional course work in order to demonstrate achievement of learning expectations that are included in the one grade 9 course but not the other. This additional course work can be taken in summer school or in a program outside the regular school hours. An example of this is the completion of the Crossover Materials available for a variety of course changes. These are available from the Ministry of Education or the school.

In order to meet the expectations that are required to enter the new program, a student wishing to change course types, between Grade 10 and 11 and/ or Grade 11 and 12, may

- take a transfer course that will bridge the gap between course types.
- take a course of another type (e.g. academic) that will satisfy the prerequisites for a course in a higher grade (e.g. a university preparation course that the student wishes to take)
- take a summer course or undertake independent study to achieve the incomplete expectations that are required to enter the new program.

A transfer course is a partial-credit course (0.25 - 0.50 credit) that bridges the gap between courses of two different types in the same subject. Students may take transfer courses, if offered, at summer school. These will not be offered through St. Mary's High School. Students will be asked to indicate on their option sheet if the course is a change of course type.

## **PRIOR LEARNING ASSESSMENT AND RECOGNITION (PLAR)**

The Bruce-Grey Catholic District School Board provides the opportunity for students wishing to obtain grades 10, 11 and 12 credits for prior learning through the Prior Learning Assessment and Recognition (PLAR) process. Prior learning includes the knowledge and skills that student have acquired outside secondary schools.

Students who wish to “challenge” for credit will have two opportunities in the school year to apply to the principal by:

1. the first Friday in December for a challenge that will be completed by the end of Semester I
2. the first Friday in May for a challenge that will be completed by the end of Semester II

The APPLICATION TO CHALLENGE FOR A CREDIT FOR A COURSE forms are available from the secondary school guidance department and must be returned to the principal of the school in order for the application to be considered.

It is the responsibility of the student to initiate the process and the complete the APPLICATION TO CHALLENGE FOR CREDIT FOR A COURSE form. Students must be able to provide evidence of prior learning before the application will be approved.

## **PLAR FOR MATURE STUDENTS**

Prior Learning Assessment and Recognition (PLAR) for Mature Students is the formal evaluation and credit-granting process through which mature students, who are enrolled in a secondary school course, may obtain credits for prior learning. Mature students may obtain credits towards the Ontario Secondary School Diploma (OSSD) for knowledge and skills that they have acquired, in both formal and informal ways, outside secondary school.

The PLAR process involves:

- a) Grade 9 and 10 individual assessment/equivalency process
- b) Grade 11 and 12 equivalency process
- c) Grade 11 and 12 challenge process

In all cases, the knowledge and skills gained through education, work experience, and training must be directly related to the provincial curriculum expectations.

By using this process, mature students may be granted up to 26 credits towards their OSSD by the principal.

For more information and details about how to apply, or to obtain a brochure on the PLAR Process for Mature Students and Facts Sheets on each PLAR process, contact the Principal.

A Mature Student is a student who:

- is at least 18 years old on or before December 31<sup>st</sup> of the school year;
- is enrolled in a secondary school credit program for the purpose of obtaining an OSSD;
- has been out of school for a period of at least one year before returning as an adult.

# The Grade 9 Program

All grade 9 students must take seven (7) core subjects and one (1) elective course.

All grade 9 students will take the following core subjects in grade 9, selecting the appropriate level: *academic or applied*. *Locally Developed Compulsory Courses* are also offered in Grade 9 English, Math and Science for students who are currently working below grade level.

## **Core Subjects:**

English  
Mathematics  
Geography  
Science  
French (Core) or Français (French Immersion)

The following *open level* subjects are also Core Subjects:

Religious Studies (English or French Immersion)  
Physical Education

## **Electives: (Choose One)**

The following open level subjects are elective courses:

Visual Arts  
Dance  
Dramatic Arts  
Music  
Robotics  
Integrated Technologies  
Food and Nutrition  
First Nations, Métis, & Inuit Studies

# GRADE 9 COURSES

## The ARTS – Dance, Drama, Visual Arts, Music

### *ATC101 Dance (Open)*

This course gives students the opportunity to explore their technical and compositional skills by applying the elements of dance and the tools of composition in a variety of performance situations. Students will generate movement through structured and unstructured improvisation, demonstrate an understanding of safe practices with regard to themselves and others in the dance environment, and identify the function and significance of dance within the global community.

### *ADA101 Dramatic Arts (Open)*

This course emphasizes the active exploration of dramatic forms and techniques, using material from a wide range of authors, genres, and cultures. Students will construct, discuss, perform, and analyze drama, and then reflect on the experiences to develop an understanding of themselves, the art form, and the world around them. This course helps students to meet Ontario Catholic Graduate Expectations by enabling each person to become an effective communicator who uses and integrates the Catholic faith tradition, in the critical analysis of the arts, media, technology and information systems to enhance the quality of life.

### *AVI101 Visual Arts (Open)*

This course offers an overview of visual arts as a foundation for further study. Students will become familiar with the elements and principles of design and the expressive qualities of various materials through working with a range of materials, processes, techniques, and styles. They will learn and use methods of analysis and criticism and will study the characteristics of particular historical art periods and a selection of Canadian art and the art of other cultures. This course helps students to meet Ontario Catholic Graduate Expectations by enabling each person to become an effective communicator who uses and integrates the Catholic faith tradition, in the critical analysis of the arts, media, technology and information systems to enhance the quality of life.

### *AMU101 Music (Open)*

This course emphasizes the performance of music at a level that strikes a balance between challenge and skill and is aimed at developing technique, sensitivity, and imagination. Students will participate in creative activities that teach them to listen with understanding. They will also learn correct musical terminology and its appropriate use. This course helps students to meet Ontario Catholic Graduate Expectations by enabling each person to become an effective communicator who uses and integrates the Catholic faith tradition, in the critical analysis of the arts, media, technology and information systems to enhance the quality of life.

## COMPUTERS

### *TEJ101 –Exploring Computer Technology (Open)*

This exploratory course introduces students to concepts and skills in computer technology, which encompasses computer systems, networking, interfacing, and programming, as well as electronics and robotics. Students will develop an awareness of related environmental and societal issues, and will begin to explore secondary and postsecondary pathways leading to careers in the field.

# ENGLISH

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## *ENG1D1 - English (Academic)*

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This course is designed to develop the oral communication, reading, writing, and media literacy skills that students need for success in their secondary school academic programs and in their daily lives. Students will analyse literary texts from contemporary and historical periods, interpret informational and graphic texts, and create oral, written, and media texts in a variety of forms. An important focus will be on the use of strategies that contribute to effective communication. The course is intended to prepare students for the Grade 10 academic English course, which leads to university or college preparation courses in Grades 11 and 12. This course helps students to meet the Ontario Catholic Graduate Expectations by enabling each person to become an effective communicator who listens actively and critically to understand and learn in light of gospel values, who reads, understands and uses written material effectively and who presents information and ideas clearly and honestly and with sensitivity to others.

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## *ENG1P1 - English (Applied)*

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This course is designed to develop the key oral communication, reading, writing, and media literacy skills students need for success in secondary school and daily life. Students will read, interpret, and create a variety of informational, literary, and graphic texts. An important focus will be on identifying and using appropriate strategies and processes to improve students' comprehension of texts and to help them communicate clearly and effectively. The course is intended to prepare students for the Grade 10 applied English course, which leads to college or workplace preparation courses in Grades 11 and 12. This course helps students to meet the Ontario Catholic Graduate Expectations by enabling each person to become an effective communicator who listens actively and critically to understand and learn in light of gospel values, who reads, understands and uses written material effectively and who presents information and ideas clearly and honestly and with sensitivity to others.

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## *ENG1L1 - English (Locally Developed)*

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This course provides foundational literacy and communication skills to prepare students for success in their daily lives and in the workplace. 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, thinking, and reflect regularly upon their growth in these areas. This course helps students to meet the Ontario Catholic Graduate Expectations by enabling each person to become an effective communicator who listens actively and critically to understand and learn in light of gospel values, who reads, understands and uses written material effectively and who presents information and ideas clearly and honestly and with sensitivity to others.

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# FRENCH

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## *FSF1D1 - French Core (Academic)*

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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.

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## *FSF1P1 - French Core (Applied)*

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This course provides opportunities for students to communicate and interact in French in structured situations, with a focus on everyday topics, and to apply their knowledge of French in everyday situations. Students will develop listening, speaking, reading, and writing skills introduced in the elementary Core French program, through practical applications and concrete examples, and will use creative and critical thinking skills in various ways. They will also enhance their understanding and appreciation of diverse French-speaking communities, and will develop skills necessary for lifelong language learning.

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### *FIF1DF - French Immersion (Academic)*

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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 language 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.

## **GEOGRAPHY/HISTORY**

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### *CGC1D1 - Issues in Canadian Geography (Academic)*

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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.

### *CGC1P1 - Issues in Canadian Geography (Applied)*

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This course focuses on current geographic issues that affect Canadians. Students will draw on their personal and everyday experiences as they explore issues relating to food and water supplies, competing land uses, interactions with the natural environment, and other topics relevant to sustainable living in Canada. They will also develop an awareness that issues that affect their lives in Canada are interconnected with issues in other parts of the world. Throughout the course, students will use the concepts of geographic thinking, the geographic inquiry process, and spatial technologies to guide and support their investigations.

### *CGC1DF - Issues in Canadian Geography (Academic) (French Immersion)*

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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.

## **MATHEMATICS**

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### *MPM1D1 - Principles of Mathematics (Academic)*

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This course enables students to develop an understanding of mathematical concepts related to algebra, analytic geometry, and measurement and geometry through investigation, the effective use of technology, and abstract reasoning. Students will investigate relationships, which they will then generalize as equations of lines, and will determine the connections between different representations of a linear relation. They will also explore relationships that emerge from the measurement of three-dimensional figures and two-dimensional shapes. Students will reason mathematically and communicate their thinking as they solve multi-step problems. Successful completion of this course prepares students for Principles of Mathematics, Grade 10, Academic (MPM2D) or Foundations of Mathematics, Grade 10, Applied (MFM 2P). Learning through abstract reasoning is an important aspect of this course. This course helps students to meet Ontario Catholic Graduate Expectations by enabling each person to become a reflective and creative thinker who thinks reflectively and creatively to evaluate situations and solve problems.

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### *MFM1P1 - Principles of Mathematics (Applied)*

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This course enables students to develop an understanding of mathematical concepts related to introductory algebra, proportional reasoning, and measurement and geometry through investigation, the effective use of technology, and hands-on activities. Students will investigate real-life examples to develop various representations of linear relationships and will determine the connections between the representations. They will also explore certain relationships that emerge from the measurement of three-dimensional objects and two-dimensional shapes. Students will consolidate their mathematical skills as they solve problems and communicate their thinking. Successful completion of this course prepares students for Foundations of Mathematics, Grade 10, Applied (MFM2P). (*Note:* Students who wish to take Principles of Mathematics, Grade 10, Academic [MPM2D] after completing this course will need to take a transfer course.) Learning through hands-on activities and the use of concrete examples is an important aspect of this course. This course helps students to meet Ontario Catholic Graduate Expectations by enabling each person to become a reflective and creative thinker who thinks reflectively and creatively to evaluate situations and solve problems.

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### *MAT1L1 - Mathematics (Locally Developed)*

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This course emphasizes further development of mathematical knowledge and skills to prepare students for success in their everyday lives and in the workplace. 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. This course helps students to meet Ontario Catholic Graduate Expectations by enabling each person to become a reflective and creative thinker who thinks reflectively and creatively to evaluate situations and solve problems.

## **FIRST NATIONS, MÉTIS, AND INUIT STUDIES**

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### *NAC1O1 - Expressions of First Nations, Métis and Inuit Cultures (Open)*

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This course explores various First Nations, Métis, and Inuit art forms (media arts, music, dance, drama, storytelling, visual art, installation and performance art, clothing design, and architectural design), giving students the opportunity to create, present, and analyse integrated art works infused with First Nations, Métis, and Inuit perspectives. Students will examine relationships between art forms and individual and cultural identities, histories, and values. Students will demonstrate innovation as they learn and apply art-related concepts, styles, and conventions 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.

## **PHYSICAL EDUCATION**

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### *PPL1O1 - Health and Active Living Education (Open)*

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This course emphasizes students' daily participation in a variety of enjoyable physical activities that promote lifelong healthy active living. Students will learn movement techniques & principles, ways to improve personal fitness & physical competence, and safety/injury-prevention strategies. They will investigate issues related to healthy sexuality, the use & abuse of alcohol, tobacco, and other drugs and will participate in activities designed to develop goal-setting, communication, and social skills. This course helps students to meet Ontario Catholic Graduate Expectations by enabling each person to become a self-directed, responsible, life long learner who participates in leisure and fitness activities for a balanced and healthy lifestyle.



# RELIGIOUS EDUCATION

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## *HRE1O1 - Discipleship and Culture (Open)*

## *HRE1OF - Discipleship and Culture (Immersion)*

This course engages students in the examination the Christian narrative as revealed in Sacred Scripture. Students are invited to a deeper understanding of both the joy and the demands of living out the call to discipleship as it is described in the Scriptures. Students explore discipleship as encountered in the Sacred Tradition of the Church (Sacraments, Liturgical Year, and Church Teaching and Law), as part of their ongoing personal growth and faith understanding. Students explore Catholic rituals, teaching, practice, morals and values, and virtues to facilitate a healthy and covenantal relationship with self, God and with others. Using theological reflection, they are challenged to explore the connections and disconnections of ethical concepts (euthanasia, abortion, sexuality, etc.) between the Church and contemporary culture. The course focuses on encouraging students to know and love by following in the footsteps of Jesus. As they learn of his words and deeds, they discover the importance of prayerfully serving the community to bring about the Reign of God.

# SCIENCE

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## *SNC1D1 - Science (Academic)*

This course enables students to develop their understanding of basic concepts in biology, chemistry, earth and space science, and physics, and to relate science to technology, society, and the environment. Throughout the course, students will develop their skills in the processes of scientific investigations. 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. This course helps students to meet Ontario Catholic Graduate Expectations by enabling each person to become a reflective and creative thinker who thinks reflectively and creatively to evaluate situations and solve problems.

## *SNC1P1 - Science (Applied)*

This course enables students to develop their understanding of basic concepts in biology, chemistry, earth and space science, and physics, and to apply their knowledge of science to everyday situations. They are also given opportunities to develop practical skills related to scientific investigation. Students will plan and conduct investigations into practical problems and issues related to the impact of human activity on ecosystems, the structure and properties of elements and compounds; space exploration and the components of the universe; and static and current electricity. This course helps students to meet Ontario Catholic Graduate Expectations by enabling each person to become a reflective and creative thinker who thinks reflectively and creatively to evaluate situations and solve problems.

## *SNC1L1 - Science (Locally Developed)*

This course emphasizes reinforcing and strengthening science-related knowledge and skills, including scientific inquiry, critical thinking and the relationship between science, society, and the environment, to prepare students for success in everyday life, in the workplace and in the Grade 10 Locally Developed Science (SNC2L1) 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. This course helps students to meet Ontario Catholic Graduate Expectations by enabling each person to become a reflective and creative thinker who thinks reflectively and creatively to evaluate situations and solve problems.

## SOCIAL SCIENCE

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### *HFN101 - Food and Nutrition (Open)*

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This course focuses on guidelines for making nutritious food choices. Students will investigate factors that influence food choices, including beliefs, attitudes, current trends, traditional eating patterns, food marketing strategies, and individual needs. Students will also explore the environmental impact of a variety of food choices at the local and global level. The course provides students with opportunities to develop food preparation skills and introduces them to the use of social science research methods in the area of food and nutrition.

## TECHNOLOGY

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### *TIJ101 - Exploring Technologies (Open)*

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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 post secondary education and training pathways leading to careers in technology-related fields. This course helps students to meet Ontario Catholic Graduate Expectations by enabling each person to become a reflective and creative thinker who creates, adapts, evaluates new ideas of the common good.

## THE GRADE 10 PROGRAM

All Grade 10 students must take six (6) core subjects and two (2) electives. (For French Immersion students, one of the electives is Français).

All Grade 10 students in the English stream will take the following core subjects, selecting the appropriate stream: academic or applied or locally developed.

**Core Subjects:** English  
History  
Mathematics  
Science

The following open courses are also core subjects and are compulsory.

Civics (½ credit)  
Career Education (½ credit)

The following open course is also mandatory at St. Mary's High School:

Religion

### **Electives:**

Students will then choose two (2) of the following elective subjects. Students are reminded that an Arts course is required for completion of the diploma and should be considered at this time if it was not taken in Grade 9.

Dance	Communications Technology
Dramatic Arts	Core French (Academic)
Instrumental Music	Health and Physical Education
Vocal Music	Manufacturing Technology
Visual Arts	Construction Technology
Français (for French Immersion students)	Transportation Technology
Computer and Information Science	First Nations, Métis and Inuit Studies
	Food and Nutrition

# GRADE 10 COURSES

## The ARTS – Dance, Drama, Visual Arts, Music

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### *ADA 201 Dramatic Arts (Open)*

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**Prerequisite: None**

This course provides opportunities for students to explore dramatic forms, conventions, and techniques. Students will explore a variety of dramatic sources from various cultures and representing a range of genres. Students will use the elements of drama in creating and communicating through dramatic works. Students will assume responsibility for decisions made in the creative and collaborative processes and will reflect on their experiences. This course helps students to meet Ontario Catholic Graduate Expectations by enabling each person to become an effective communicator who uses and integrates the Catholic faith tradition, in the critical analysis of the arts, media, technology and information systems to enhance the quality of life.

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### *ATC 201 Dance (Open)*

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

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### *AVI 201 Visual Arts (Open)*

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**Prerequisite: None**

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. This course helps students to meet Ontario Catholic Graduate Expectations by enabling each person to become an effective communicator who uses and integrates the Catholic faith tradition, in the critical analysis of the arts, media, technology and information systems to enhance the quality of life.

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### *AMU 201 Instrumental Music (Open)*

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**Suggested Preparation: Previous instrumental experience and/or AMU10**

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. This course helps students to meet Ontario Catholic Graduate Expectations by enabling each person to become an effective communicator who uses and integrates the Catholic faith tradition, in the critical analysis of the arts, media, technology and information systems to enhance the quality of life.

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### *AMV 201 Vocal Music (Open)*

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**Suggested Preparation: Previous instrumental experience and/or AMU10**

This course emphasizes performance of vocal music at an intermediate level that strikes a balance between challenge and skill. Students 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. This course helps students to meet Ontario Catholic Graduate Expectations by enabling each person to become an effective communicator who uses and integrates the Catholic faith tradition, in the critical analysis of the arts, media, technology and information systems to enhance the quality of life.

## CIVICS

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### *CHV 201 Civics & Citizenship (Open)*

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This course explores rights and responsibilities associated with being an active citizen in a democratic society. Students will explore issues of civic importance such as healthy schools, community planning, environmental responsibility, and the influence of social media, while developing their understanding of the role of civic engagement and of political processes in the local, national, and/or global community. Students will apply the concepts of political thinking and the political inquiry process to investigate, and express informed opinions about a range of political issues and developments that are both of significance in today's world and of personal interest to them.

## COMPUTERS

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### *ICS 201 Introduction to Computer Studies (Open)*

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**Prerequisite: None**

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 also 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. This course helps students to meet Ontario Catholic Graduate Expectations by enabling each person to become a reflective and creative thinker who thinks reflectively and creatively to evaluate situations and solve problems.

## ENGLISH

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### *ENG 2D1 English (Academic)*

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**Prerequisite: English, Grade 9, Academic or Applied**

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. This course helps students to meet the Ontario Catholic Graduate Expectations by enabling each person to become an effective communicator who listens actively and critically to understand and learn in light of gospel values, who reads, understands and uses written material effectively and who presents information and ideas clearly and honestly and with sensitivity to others.

### *ENG 2P1 English (Applied)*

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**Prerequisite: English, Grade 9, Academic or Applied**

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. This course helps students to meet the Ontario Catholic Graduate Expectations by enabling each person to become an effective communicator who listens actively and critically to understand and learn in light of gospel values, who reads, understands and uses written material effectively and who presents information and ideas clearly and honestly and with sensitivity to others.

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## ENG 2L1 English (Locally Developed)

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In this course, students focus on extending their literacy and communication skills to prepare for success in their daily lives and in the workplace. 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 process involved in talking, listening, reading, viewing, writing and thinking, and reflect regularly upon their growth in these areas. This course helps students to meet Ontario Catholic Graduate Expectations by enabling each person to become an effective communicator who listens actively and critically to understand and learn in light of gospel values, who reads, understands and uses written materials effectively and who presents information and ideas clearly and honestly and with sensitivity to others.

## FRENCH

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### *FSF 2D1 French (Core) (Academic)*

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**Prerequisite:** Core French, Grade 9, Academic or Applied

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.

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### *FIF 2DF French Immersion (Academic)*

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**Prerequisite:** French Immersion, Grade 9, Academic or Applied

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 to become lifelong language learning.

## GUIDANCE EDUCATION

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### *GLC 2O1 Career Studies (Open)*

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This course teaches students how to develop and achieve personal goals for future learning, work, and community involvement. Students will assess their interests, skills, and characteristics and investigate current economic and workplace trends, work opportunities, and ways to search for work. The course explores postsecondary learning and career options, prepares students for managing work and life transitions, and helps students focus on their goals through the development of a career plan. This course helps students to meet Ontario Catholic Graduate Expectations by enabling each person to become a self-directed responsible, life long learner who sets appropriate goals and priorities in school, work and personal life.

## HISTORY/GEOGRAPHY

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### *CHC 2D1 Canadian History since World War I (Academic)*

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This course explores social, economic, and political developments and events and their impact on the lives of different groups in Canada since 1914. Students will examine the role of conflict and cooperation in Canadian society, Canada's evolving role within the global community, and the impact of various individuals, organizations, and events on the 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.

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### *CHC 2P1 Canadian History since World War I (Applied)*

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This course focuses on the social context of historical developments and events and how they have affected the lives of people in Canada since 1914. Students will explore interactions between various communities in Canada as well as contributions of individuals and groups to Canadian heritage and identity. Students will develop their ability to apply 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.

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### *CHC 2L1 Canadian History since World War I (Locally Developed)*

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This course emphasizes strengthening history-related knowledge and skills to prepare students for success in everyday life and in the workplace. Students are given the opportunity to continue developing their skills in reading, writing, and oral language through relevant and practical History activities. They are given opportunities to improve their subject-area knowledge and skills to practice using them in order to strengthen their literacy skills. This course encourages students to examine their conceptual understandings and beliefs, develop and enhance their critical thinking skills, and engage in meaningful dialogue with teachers and with peers. This course helps students to meet Ontario Catholic Graduate Expectations by enabling each person to become a reflective and creative thinker who examines, evaluates, and applies knowledge of interdependent systems (physical, political, ethical, socio-economic and ecological) for the development of a just and compassionate society.

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### *CGC 1DF Issues in Canadian Geography (Academic)*

*(French Immersion)*

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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.

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## **MATHEMATICS**

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### *MPM 2D1 Principles of Mathematics (Academic)*

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**Prerequisite:** Grade 9 Mathematics, (Academic)

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. This course helps students to meet Ontario Catholic Graduate Expectations by enabling each person to become a reflective and creative thinker who thinks reflectively and creatively to evaluate situations and solve problems.

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### *MFM 2P1 Foundations of Mathematics (Applied)*

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**Prerequisite:** Grade 9 Mathematics, (Applied)

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 relationships. 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. This course helps students to meet Ontario Catholic Graduate Expectations by enabling each person to become a reflective and creative thinker who thinks reflectively and creatively to evaluate situations and solve problems.

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## *MAT 2L1 Mathematics (Locally Developed )*

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### **Prerequisite: A Grade 9 Mathematics credit**

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 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. This course helps students to meet Ontario Catholic Graduate Expectations by enabling each person to become a reflective and creative thinker who thinks reflectively and creatively to evaluate situations and solve problems.

## PHYSICAL EDUCATION

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### *PPL 2O1 Healthy Active Living Education (Open)*

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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.

## RELIGIOUS EDUCATION

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### *HRE 2O1 Christ and Culture (Open)* *HRE 2OF (Immersion) Christ and Culture (Open)*

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This course both invites and challenges the adolescent to personalize the Gospel values and social justice principles that guide Catholics in understanding their role in shaping culture as disciples of Jesus. Students will explore such foundational topics as: what it means to be human, created in God's image, what is culture, Christ and culture, living together in solidarity, social justice, prayer and sacrament, friendship and intimacy. Connections between the living Church and contemporary culture are explored in terms of what it means to be a responsible Christian adolescent in a secularized, pluralistic world.

## SCIENCE

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### *SNC 2D1 Science (Academic)*

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### **Prerequisite: Science, Grade 9, Academic or (Applied)**

This course enables students to enhance their understanding of concepts in biology, chemistry, earth and space science, and physics, and of the interrelationships between science, technology, society, and the environment. Students are also given opportunities to further develop their scientific investigation skills. Students will plan and conduct investigations and develop their understanding of scientific theories related to the connections between cells and systems in animals and plants; chemical reactions, with a particular focus on acid-base reactions; forces that affect climate and climate change; and the interaction of light and matter. This course helps students to meet Ontario Catholic Graduate Expectations by enabling each person to become a reflective and creative thinker who thinks reflectively and creatively to evaluate situations and solve problems.



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### *SNC 2P1 Science (Applied)*

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**Prerequisite: Science, Grade 9, Academic or Applied**

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.

This course helps students to meet Ontario Catholic Graduate Expectations by enabling each person to become a reflective and creative thinker who thinks reflectively and creatively to evaluate situations and solve problems.

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### *SNC 2L1 Science (Locally Developed)*

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**Prerequisite: Science, Grade 9, Locally Developed**

This course emphasizes reinforcing and strengthening science-related knowledge and skills, including scientific inquiry, critical thinking and the relationship between science, society, and the environment, to prepare students for success in everyday life, in the workplace and in the Science Grade 11 Workplace Preparation course. Students explore a range of topics including science in daily life, properties of common materials, life-sustaining processes in simple and complex organisms, and electrical circuits. Students have the opportunity to extend mathematical and scientific process skills and to continue developing their skills in reading, writing, and oral language through relevant and practical science activities. This course helps students to meet Ontario Catholic Graduate Expectations by enabling each person to become a reflective and creative thinker who thinks reflectively and creatively to evaluate situations and solve problems.

## **SOCIAL SCIENCE AND HUMANITIES**

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### *HFN 2O1 Food and Nutrition (Open)*

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**\*Students can only receive credit for grade 9 or grade 10 Food and Nutrition**

This course focuses on guidelines for making nutritious food choices. Students will investigate factors that influence food choices, including beliefs, attitudes, current trends, traditional eating patterns, food-marketing strategies, and individual needs. Students will also explore the environmental impact of a variety of food choices at the local and global level. The course provides students with opportunities to develop food-preparation skills and introduces them to the use of social science research methods in the area of food and nutrition.

## **FIRST NATIONS, MÉTIS, AND INUIT STUDIES**

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### *NAC 2O1 First Nations, Métis, and Inuit Peoples in Canada (Open)*

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This course explores the histories of First Nations, Métis, and Inuit peoples in Canada from precontact to the present day. Students will examine the impact of past social, cultural, economic, political, and legal trends and developments on First Nations, Métis and Inuit communities and individuals. Students will apply the concepts of historical thinking and the historical inquiry process to investigate a range of issues, events, and interactions that have affected First Nations, Métis, and Inuit peoples, including those that continue to affect relations between Aboriginal peoples and other Canadians today.

# TECHNOLOGICAL EDUCATION

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## *TMJ 2O1 Manufacturing Technology (Open)*

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**Prerequisite: None**

This course introduces students to the manufacturing industry by giving them an opportunity to design and fabricate products using a variety of processes, tools, and equipment. Students will learn about technical drawing, properties and preparation of materials, and manufacturing techniques. Student projects may include a robotic challenge, a design challenge, or a fabrication project involving processes such as machining, welding, vacuum forming, or injection moulding. Students will develop an awareness of environmental and societal issues related to manufacturing and will learn about secondary and post secondary pathways leading to careers in the industry. This course helps students to meet Ontario Catholic Graduate Expectations by enabling each person to become a reflective and creative thinker who creates, adapts, evaluates new ideas in light of the common good.

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## *TCJ 2O1 Construction Technology (Open)*

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**Prerequisite: None**

This course introduces students to building, materials and processes through opportunities to design and build various construction projects. Student 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.

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## *TTJ 2O1 Transportation Technology (Open)*

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**Prerequisite: None**

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 post secondary pathways leading to careers in the transportation industry. This course helps students to meet Ontario Catholic Graduate Expectations by enabling each person to become a reflective and creative thinker who creates, adapts, evaluates new ideas in light of the common good.

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## *TGJ 2O1 Communications Technology (Open)*

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**Prerequisite: None**

This course introduces students to communications technology from a media perspective. Students will work in the areas of TV/video and movie production, radio and audio production, print and graphic communications, photography, and animation. Student projects may include computer-based activities such as creating videos, editing photos, working with audio, cartooning, developing animations, and designing web pages. Students will also develop an awareness of environmental and societal issues related to communications technology and explore secondary and post secondary education and training pathways and career opportunities in the various communications technology fields. This course helps students to meet Ontario Catholic Graduate Expectations by enabling each person to become a reflective and creative thinker who creates, adapts, evaluates new ideas in light of the common good.

## THE GRADE 11 AND 12 PROGRAMS

All grade 11 students will take three (3) core subjects and five (5) electives. For French Immersion students, one of the electives is Français.

All Grade 11 students will take the following core subjects selecting the appropriate stream university, university/college, college or workplace.

Students will take three (3) core subjects:

- English
- Religion
- Mathematics

Students will then choose five (5) of the following electives:

Accounting	Introduction to Anthropology, Psychology & Sociology
Anthropology, Psychology & Sociology	Law
Communications Technology	Marketing
Computer and Information Science	Media Arts
Co-op Education	Music
Dramatic Arts	Vocal Music
English Media	First Nations, Métis, and Inuit Studies
Entrepreneurial Studies	Parenting
Environmental Science	Personal Fitness
French	Photography
Geography	Physical Education
Guidance/Career Education	Physical Education for Athletics
Healthcare	Science (Chemistry/Biology/Physics)
Health for Life	Technological Education (Construction, Automotive, Manufacturing)
History	Visual Arts

Students in Grade 12 will enrol in two (2) core subjects and between four (4) and six(6) electives. The core subjects are English and Religion. For French Immersion students, one of the electives is Français.

The electives include:

Accounting	Mathematics
Communications Technology	Media Arts
Computers	Music
Co-operative Education	Nutrition & Health
Dramatic Arts	Personal Fitness
Economics	Personal Life Management
English (Literature/Creative Writing)	Physical Education
Exercise Science	Physical Education for Athletics
French	Photography
First Nations, Métis & Inuit Studies	Recreation & Fitness Leadership
Geography	Science (Chemistry/Biology/Physics)
History	Society, Challenge & Change
Law	Technological Education (Construction, Automotive, Manufacturing)
Literacy Course	Visual Arts

Electives offered at the grade 11 level may also be taken by Grade 12 students.

Students are reminded of the compulsory course options:

1. One of English, or a third language or Social Science and the Humanities, or Canadian and World Studies, or Guidance and Career Education, or Cooperative Education
2. Health and Physical Education, or the Arts, or Business Studies or Cooperative education.
3. Science or Technological Education or Cooperative education.

# GRADE 11 COURSES

## The ARTS – Drama, Photography, Music, Visual Arts, Media Arts

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### *ADA 3M1 Dramatic Arts, Grade 11*

*University/College Preparation*

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**Prerequisite:** Dramatic Arts, Grade 9 or 10, Open

This course requires students to create and perform in dramatic presentations. Students will analyse, interpret, and perform dramatic works from various cultures and time periods. Students will research various acting styles and conventions that could be used in their presentations, and analyse the functions of playwrights, directors, actors, designers, technicians, and audiences. This course helps students to meet Ontario Catholic Graduate Expectations by enabling each person to become an effective communicator who uses and integrates the Catholic faith tradition, in the critical analysis of the arts, media, technology and information systems to enhance the quality of life.

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### *AWQ 3M1 Photography, Grade 11*

*University/College Preparation*

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**Recommended:** Grade 9 & 10 Visual Arts

**Ownership of a digital camera is strongly recommended**

This course provides students with opportunities to further develop their skills and knowledge in visual arts. Students will explore a range of subject matter through studio activities, and will consolidate their practical skills. Students will also analyze art works and study aspects of Western art history, as well as art forms from Canada and other parts of the world. This course helps students to meet Ontario Catholic Graduate Expectations by enabling each person to become an effective communicator who uses and integrates the Catholic faith tradition, in the critical analysis of the arts, media, technology and information systems to enhance the quality of life.

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### *AMU 3M1 Music - Grade 11*

*University/College Preparation*

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**Prerequisite:** Music, Grade 9 or 10, Open

This course provides students with opportunities to develop their musical literacy through the creation, appreciation, analysis, and performance of music, including traditional, commercial, and art music. Students will apply the creative process when performing appropriate technical exercises and repertoire and will employ the critical analysis processes when reflecting on, responding to, and analysing live and recorded performances. Students will consider the function of music in society and the impact of music on individuals and communities. They will explore how to apply skills developed in music to their life and careers. This course helps students to meet Ontario Catholic Graduate Expectations by enabling each person to become an effective communicator who uses and integrates the Catholic faith tradition, in the critical analysis of the arts, media, technology and information systems to enhance the quality of life.

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### *AMV 3M1 Vocal/Choral Music (Open)*

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**Suggested Preparation:** Previous instrumental experience and/or AMU20

This course emphasizes performance of vocal music at an intermediate level that strikes a balance between challenge and skill. Students 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. This course helps students to meet Ontario Catholic Graduate Expectations by enabling each person to become an effective communicator who uses and integrates the Catholic faith tradition, in the critical analysis of the arts, media, technology and information systems to enhance the quality of life.

**Prerequisite: Visual Arts, Grade 9 or 10, Open**

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 artform (e.g. photography, video, computer graphics, information design). This course helps students to meet Ontario Catholic Graduate Expectations by enabling each person to become an effective communicator who uses and integrates the Catholic faith tradition, in the critical analysis of the arts, media, technology and information systems to enhance the quality of life.

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**Prerequisite: Media Arts, Grade 10, Open or any grade 9 or 10 arts course**

This course focuses on the development of media arts skills through the production of art works involving traditional and emerging technologies, tools, and techniques such as new media, computer animation, and web environments. Students will explore the evolution of media arts as an extension of traditional art forms, use the creative process to produce effective media art works, and critically analyse the unique characteristics of this art form. Students will examine the role of media artists in shaping audience perceptions of identity, culture, and community values. This course helps students to meet Ontario Catholic Graduate Expectations by enabling each person to become an effective communicator who uses and integrates the Catholic faith tradition, in the critical analysis of the arts, media, technology and information systems to enhance the quality of life.

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## **BUSINESS**

**Prerequisite: None**

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 student-run school-based or summer business. Through hands-on experiences, students will have opportunities to develop the values, traits, and skills most often associated with successful entrepreneurs. This course helps students to meet Ontario Catholic Graduate Expectations by enabling each person to become a responsible citizen who witnesses Catholic social teaching by promoting equality, democracy and solidarity for a just, peaceful and compassionate society.

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**Prerequisite: None**

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 current issues and ethics in accounting. This course helps students to meet the Ontario Catholic Graduate Expectations by enabling each person to become a responsible citizen who witnesses Catholic social teaching by promoting equality, democracy, and solidarity for a just, peaceful and compassionate society.

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**Prerequisite: None**

This course introduces the fundamental concepts of product marketing, which includes the marketing of goods, services, and events. Students will examine how trends, issues, global economic changes, and information technology influence consumer buying habits. Students will engage in marketing research, develop marketing strategies, and produce a marketing plan for a product of their choice. This course helps students to meet the Ontario Catholic Graduate Expectations by enabling each person to become a responsible citizen who witnesses Catholic social teaching by promoting equality, democracy, and solidarity for a just, peaceful and compassionate society.

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# COMPUTERS

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## *ICS 3U1 Introduction to Computer Science*

*University Preparation*

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**Prerequisite:** None

**Recommended Preparation:** ICS2O1

This course introduces students to computer science. Students will design software independently and as part of a team using industry-standard programming tools and applying the software development life-cycle model. They will also write and use sub programs within computer programs. Students will develop creative solutions for various types of problems as their understanding of the computing environment grows. They will also explore environmental and ergonomic issues, emerging research in computer science, and global career trends in computer-related fields. This course helps students to meet Ontario Catholic Graduate Expectations by enabling each person to become an effective communicator who uses and integrates the Catholic faith tradition, in the critical analysis of the arts, media, technology, and information systems to enhance the quality of life.

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## *ICS 3C1 Introduction to Computer Programming*

*College Preparation*

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**Prerequisite:** None

**Recommended Preparation:** ICS2O1

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 post secondary opportunities in computer related fields. This course helps students to meet Ontario Catholic Graduate Expectations by enabling each person to become an effective communicator who uses and integrates the Catholic faith tradition, in the critical analysis of the arts, media, technology, and information systems to enhance the quality of life.

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# ENGLISH

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## *ENG 3U1 English*

*University Preparation*

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**Prerequisite:** English Grade 10, Academic

This course emphasizes the development of literacy, communication, and critical and creative thinking skills necessary for success in academic and daily life. Students will analyse challenging literary texts from various periods, countries, and cultures, as well as a range of informational and graphic texts, and create oral, written, and media texts in a variety of forms. An important focus will be on using language with precision and clarity and incorporating stylistic devices appropriately and effectively. The course is intended to prepare students for the compulsory Grade 12 university or college preparation course. This course helps students to meet the Ontario Catholic Graduate Expectations by enabling each person to become an effective communicator who listens actively and critically to understand and learn in light of gospel values, who reads, understands and uses written material effectively and who presents information and ideas clearly and honestly and with sensitivity to others.

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## *NBE 3U1 Understanding Contemporary First Nations, Métis, & Inuit Voices* *University Preparation*

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**Prerequisite:** English Grade 10, Academic

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

**Prerequisite: English, Grade 10, Applied or Academic**

This course explores themes, forms, and styles of literary, informational, graphic, oral, cultural, and media texts about and from First Nations, Métis, 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.

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*ENG 3E1 English**Workplace Preparation*

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**Prerequisite: English, Grade 10, Applied or Locally Developed**

This course emphasizes the development of literacy, communication, and critical and creative thinking skills necessary for success in the workplace and in daily life. Students will study the content, form, and style of a variety of contemporary informational, graphic, and literary texts; and create oral, written, and media texts in a variety of forms for practical purposes. An important focus will be on using language clearly and accurately in a variety of formal and informal contexts. The course is intended to prepare students for the compulsory Grade 12 workplace preparation course. This course helps students to meet the Ontario Catholic Graduate Expectations by enabling each person to become an effective communicator who listens actively and critically to understand and learn in light of gospel values, who reads, understands and uses written material effectively and who presents information and ideas clearly and honestly and with sensitivity to others.

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*EMS 3O1 English Media Studies (Open)*

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**Prerequisite: English, Grade 10, Academic or Applied or Locally Developed**

This course emphasizes knowledge and skills that will enable students to understand media communication in the twenty-first century and to use media effectively and responsibly. Through analysing the forms and messages of a variety of media works and audience responses to them, and through creating their own media works, students will develop critical thinking skills, aesthetic and ethical judgement, and skills in viewing, representing, listening, speaking, reading, and writing. This course helps students to meet the Ontario Catholic Graduate Expectations by enabling each person to become an effective communicator who listens actively and critically to understand and learn in light of gospel values, who reads, understands and uses written material effectively and who presents information and ideas clearly and honestly and with sensitivity to others.

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## FRENCH

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*FSF 3U1 French (Core)**University Preparation*

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**Prerequisite: Core French, Grade 10, Academic**

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 develop the skills necessary for lifelong language learning.

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*FIF 3UF French Immersion**University Preparation*

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**Prerequisite: French Immersion, Grade 10, Academic**

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.

# GEOGRAPHY

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## *CGG 301 Travel and Tourism: A Geographic Perspective (Open)*

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

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.

# GUIDANCE

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## *GWL 301 Designing Your Future (Open)*

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**Prerequisite:** Career Studies, Grade 10, Open

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 expand their portfolios with a focus on their targeted destination and develop an action plan for future success. This course helps students to meet Ontario Catholic Graduate Expectations by enabling each person to become a self-directed, responsible, life long learner who sets appropriate goals and priorities in school, work and personal life.

# HISTORY

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## *CHW 3M1 World History to the End of the 15<sup>th</sup> Century*

*University/College Preparation*

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**Prerequisite:** Canadian History since WWI, Grade 10, Academic or Applied.

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.

# LAW

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## *CLU 3M1 Understanding Canadian Law*

*University/College Preparation*

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**Prerequisite:** Canadian History since WWI, Grade 10, Academic or Applied.

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.

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## *CLU 3E1 Understanding Everyday Law in Canada*

*Workplace Preparation*

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

This course enables students to develop a practical understanding of laws that affect the everyday lives of people in Canada, including their own lives. Students will gain an understanding of the need for laws, and of their rights, freedoms, and responsibilities under Canadian law. Topics include laws relating to marriage, the workplace, cyberbullying, and criminal offences. Students will begin to develop legal reasoning skills and will apply the concepts of legal thinking and the inquiry process when investigating legal issues that are relevant to life in Canada today.



# MATHEMATICS

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## *MBF 3C1 Foundations for College Mathematics*

*College Preparation*

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**Prerequisite: Foundations of Mathematics, Grade 10, Applied**

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. This course helps students to meet Ontario Catholic Graduate Expectations by enabling each person to become a reflective and creative thinker who evaluates situations and solves problems reflectively and creatively.

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## *MEL 3E1 Mathematics for Work and Everyday Life*

*Workplace Preparation*

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**Prerequisite: Mathematics, Grade 9, Academic or Applied Mathematics, Grade 10, Locally Developed**

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. This course helps students to meet Ontario Catholic Graduate Expectations by enabling each person to become a reflective and creative thinker who evaluates situations and solves problems reflectively and creatively.

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## *MCR 3U1 Mathematics - Functions and Relations*

*University Preparation*

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**Prerequisite: Principles of Mathematics, Grade 10, Academic**

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.

This course helps students to meet Ontario Catholic Graduate Expectations by enabling each person to become a reflective and creative thinker who evaluates situations and solves problems reflectively and creatively.

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## *MCF 3M1 Mathematics - Functions*

*University/College Preparation*

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

This course introduces basic features of the function by extending students' experiences with quadratic relations. It focuses on quadratic, trigonometric, and exponential functions and their use in modelling real-world situations. Students will represent functions numerically, graphically, and algebraically; simplify expressions; solve equations; and solve problems relating to financial and trigonometric applications. Students will reason mathematically and communicate their thinking as they solve multi-step problems. This course helps students to meet Ontario Catholic Graduate Expectations by enabling each person to become a reflective and creative thinker who evaluates situations and solves problems reflectively and creatively.

\*Applied level students who wish to take this course should speak to a guidance counsellor first.

# FIRST NATIONS, MÉTIS, & INUIT STUDIES

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*NDA 3M1 Contemporary First Nations, Métis, and Inuit Issues and Perspectives*

*University/College Preparation*

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**Prerequisite:** Grade 10 First Nations, Métis, and Inuit Peoples in Canada, Open, or Grade 10 Canadian History since World War I, Academic or Applied

This course explores existing and emerging issues of local, regional, and national importance to First Nations, Métis, and Inuit peoples in Canada. Students will analyse diverse perspectives on issues and events related to land, community, governance, identity, culture, and global trends. Using the concepts of political thinking and the tools of political inquiry, students will explore their own and others' ideas and investigate issues to determine what needs to change and why. Students are also given the opportunity to develop their own problem-solving strategies to address an issue of their choice.

## PHYSICAL AND HEALTH EDUCATION

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*PAF 3O1 Personal Fitness (Open)*

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**Prerequisite:** None

This course introduces students to the benefits of athletic/fitness training, while addressing all components of physical fitness. This course is designed for students interested in training specifically for a sport or looking to improve their own fitness and body image. Through a variety of aerobic and weight training activities, students will improve their personal fitness. Students will develop personal fitness programs to gain strength, tone muscles, improve cardiovascular fitness, and increase flexibility. Through the achievement of the Ministry and the Ontario Catholic School Graduate expectations students will apply movement principles to refine skills; and participate in a variety of activities that enhance competence, fitness, and health.

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*PAL 3O1 Physical Education for Athletics (Open)*

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This course will provide an opportunity for students to develop their skills in traditional large group sporting activities (e.g. basketball, volleyball, rugby, etc.) through a competitive environment. Students will explore and improve their technical, tactical, and game play ability and understanding. Knowledge, skills, and attitudes needed to improve athletic performance will also be developed through the investigation of personal safety/injury prevention, healthy eating, substance use/addiction, human development/sexual health, and personal fitness. Throughout the course, students will be expected to build their sense of self, learn to interact positively with others, and develop their ability to think critically and creatively.

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*PPL 3O1 Healthy Active Living Education (Open)*

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**Prerequisite:** None

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.

# RELIGION

*HRT 3M1 Faith and Culture: World Religions*  
*HRT 3MF (Immersion)*

*University/College Preparation*

**Prerequisite:** Grade 10, Religious Education, HRE 2O or Grade 10 English, Academic or Grade 10 English, Applied

This course engages students in the examination the World Religions, particularly Judaism, Christianity, Islam and the First Nations, Métis and Inuit Spiritualities and a locally appropriate religious tradition. This is a survey course that will help students understand the basic similarities and differences between the religious traditions so they can interact with others with acceptance and familiarity. We live in a multi-faith global community. With the knowledge of this course students ought to be able to understand more clearly the world's religious affairs.

*HRF 3O1 Faith and Culture: World Religions (Open)*

**Prerequisite:** None

This course engages students in the examination the World Religions, particularly Judaism, Christianity and Islam, First Nations, Métis and Inuit Spiritualities', and locally appropriate religious tradition(s), if suitable. This is a survey course that will help students understand the basic similarities and differences between the religious traditions so they can interact with others with acceptance and familiarity. Ontario is a multi-faith global community. Students will deepen their understanding of the various faith traditions in their local community and around the world.

# SCIENCE

*SBI 3U1 Biology*

*University Preparation*

**Prerequisite:** Science, Grade 10, Academic

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. This course helps students to meet Ontario Catholic Graduation Expectations by enabling each person to become a reflective and creative thinker who examines, evaluates and applies knowledge of interdependent systems (physical, political, ethical, socio-economic and ecological) for the development of a just and compassionate society.

*SCH 3U1 Chemistry*

*University Preparation*

**Prerequisite:** Science, Grade 10, Academic

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. This course helps students to meet Ontario Catholic Graduate Expectations by enabling each person to become a reflective and creative thinker who examines, evaluates and applies knowledge of interdependent systems (physical, political, ethical, socio-economic and ecological) for the development of a just and compassionate society.

**Prerequisite: Science, Grade 10, Academic**

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. This course helps students to meet Ontario Catholic Graduate Expectations by enabling each person to become a reflective and creative thinker who examines, evaluates and applies knowledge of interdependent systems (physical, political, ethical, socio-economic and ecological) for the development of a just and compassionate society.

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**Prerequisite: Science, Grade 10, Academic or Applied**

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. This course helps students to meet Ontario Catholic Graduate Expectations by enabling each person to become a reflective and creative thinker who examines, evaluates and applies knowledge of interdependent systems (physical, political, ethical, socio-economic and ecological) for the development of a just and compassionate society.

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**Prerequisite: Grade 9 Science**

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. This course helps students to meet Ontario Catholic Graduate Expectations by enabling each person to become a reflective and creative thinker who examines, evaluates and applies knowledge of interdependent systems (physical, political, ethical, socio-economic and ecological) for the development of a just and compassionate society.

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## **SOCIAL SCIENCES AND HUMANITIES**

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**Prerequisite: None**

This course prepares students for occupations involving children from birth to six years of age. Students will study theories about child behaviour and development, and will have opportunities for research and observation and for practical experiences with young children. Students will become familiar with occupational opportunities and requirements related to working with infants and young children. They will also have opportunities to develop research and critical thinking skills as they investigate and evaluate current research and critical-thinking skills as they investigate and evaluate current research about early childhood education.

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**Prerequisite: Grade 10 academic English or Grade 10 academic history**

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

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# TECHNOLOGICAL EDUCATION

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## *TMJ 3C1 Manufacturing Engineering Technology*

*College Preparation*

**Prerequisite:** None

**Recommended Preparation:** TMJ2O

This course enables students to develop knowledge and skills through hands-on, project based learning. Students will acquire design, fabrication, and problem-solving skills while using tools and equipment such as lathes, mills, welders, computer-aided machines, robots, and control systems. Students may have opportunities to obtain industry-standard certification and training. Students will develop an awareness of environmental and societal issues related to manufacturing and will learn about pathways leading to careers in the industry. This course helps students to meet Ontario Catholic Graduate Expectations by enabling each person to become a collaborative contributor who develops one's God-given potential and makes a meaningful contribution to society.

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## *TMJ 3E1 Manufacturing Technology*

*Workplace Preparation*

**Prerequisite:** None

**Recommended Preparation:** TMJ 2O

This hands-on, project-based course is designed for students planning to enter an occupation or apprenticeship in manufacturing directly after graduation. Students will work on a variety of manufacturing projects, developing knowledge and skills in design, fabrication, and problem solving and using tools and equipment such as engine lathes, milling machines, and welding machines. In addition, students may have the opportunity to acquire industry standard certification and training. Students will develop an awareness of environmental and societal issues related to manufacturing and will learn about secondary school pathways that lead to careers in the industry. This course helps students to meet Ontario Catholic Graduate Expectations by enabling each person to become a collaborative contributor who develops one's God-given potential and makes a meaningful contribution to society.

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## *TCJ 3C1 Construction Engineering Technology*

*College Preparation*

**Prerequisite:** None

**Recommended Preparation:** TDJ2O

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.

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## *TTJ 3C1 Transportation Technology*

*College Preparation*

**Prerequisite:** None

**Recommended Preparation:** TTJ2O

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. This course helps students to meet Ontario Catholic Graduate Expectations by enabling each person to become a collaborative contributor who develops one's God-given potential and makes a meaningful contribution to society.

**Prerequisite: None**

**Recommended Preparation: TGJ2O**

This course examines communications technology from a media perspective. Students will develop knowledge and skills as they design and produce media projects in the areas of live, recorded, and graphic communications. These areas may include TV, video, and movie production; radio and audio production; print and graphic communications; photography; digital imaging; broadcast journalism; and interactive new media. Students will also develop an awareness of related environmental and societal issues and explore college and university programs and career opportunities in the various communications technology fields. This course helps students to meet Ontario Catholic Graduate Expectations by enabling each person to become a collaborative contributor who develops one's God-given potential and makes a meaningful contribution to society.

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*TGJ 3O1 Communications Technology: Broadcast and Print Production (Open)*

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**Prerequisite: None Recommended**

**Preparation: TGJ2O**

This course enables students to develop knowledge and skills in the areas of graphic communication, printing and publishing, audio and video production, and broadcast journalism. Students will work both independently and as part of a production team to design and produce media products in a project-driven environment. Practical projects may include the making of signs, yearbooks, video and/or audio productions, newscasts, and documentaries. Students will also develop an awareness of related environmental and societal issues and explore secondary and postsecondary education and training pathways and career opportunities in the various communications technology fields. This course helps students to meet Ontario Catholic Graduate Expectations by enabling each person to become a collaborative contributor who develops one's God-given potential and makes a meaningful contribution to society.

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*TPJ 3M1 Health Care*

**Prerequisite: None**

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

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*IDC3OF Introduction to Technology for Females, Grade 10, 11, 12*

**Prerequisite: None**

This course is designed to introduce females to the fundamentals of technology. It combines the expectations for Interdisciplinary Studies with selected expectations for Manufacturing Technology and Transportation Technology. It 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. This course will also introduce students to the manufacturing industry by giving them an opportunity to design and fabricate products using a variety of processes, tools, and equipment. Students will learn about technical drawing, properties and preparation of materials, and manufacturing techniques. Students will learn about secondary and postsecondary pathways leading to careers in the manufacturing and automotive industries. This course helps students to meet Ontario Catholic Graduate Expectations by enabling each person to become a reflective and creative thinker who creates, adapts, evaluates new ideas in light of the common good.

# THE GRADE 12 COURSES

## The ARTS – Drama, Visual Arts, Media Arts, Music, Photography

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### *ADA 4M1 Dramatic Arts*

*University/College Preparation*

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**Prerequisite: Dramatic Arts, Grade 11, University/College Preparation**

This course requires students to experiment individually and collaboratively with forms and conventions of both drama and theatre from various cultures and time periods. Students will interpret dramatic literature and other text and media sources while learning about various theories of directing and acting. Students will examine the significance of dramatic arts in various cultures, and will analyse how the knowledge and skills developed in drama are related to their personal skills, social awareness, and goals beyond secondary school. This course helps students to meet Ontario Catholic Graduate Expectations by enabling each person to become an effective communicator who uses and integrates the Catholic faith tradition, in the critical analysis of the arts, media, technology and information systems to enhance the quality of life.

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### *AVI 4M1 Visual Arts*

*University/College Preparation*

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**Prerequisite: Visual Arts, Grade 11, University/College Preparation**

This course focuses on enabling students to refine their use of the creative process when creating and presenting two- and three-dimensional art works using a variety of traditional and emerging media and technologies. Students will use the critical analysis process to deconstruct art works and explore connections between art and society. The studio program enables students to explore a range of materials, processes, and techniques that can be applied in their own art production. Students will also make connections between various works of art in personal, contemporary, historical, and cultural contexts. This course helps students to meet Ontario Catholic Graduate Expectations by enabling each person to become an effective communicator who uses and integrates the Catholic faith tradition, in the critical analysis of the arts, media, technology and information systems to enhance the quality of life.

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### *AMU 4M1 Music*

*University/College Preparation*

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**Prerequisite: Music, Grade 11**

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. This course helps students to meet Ontario Catholic Graduate Expectations by enabling each person to become an effective communicator who uses and integrates the Catholic faith tradition, in the critical analysis of the arts, media, technology and information systems to enhance the quality of life.

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### *ASM 4M1 Media Arts*

*University/College Preparation*

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**Prerequisite: Media Arts, Grade 11, University/College Preparation**

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. This course helps students to meet Ontario Catholic Graduate Expectations by enabling each person to become an effective communicator who uses and integrates the Catholic faith tradition, in the critical analysis of the arts, media, technology and information systems to enhance the quality of life.

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## *AWQ 4M1 Photography for Studio*

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**Prerequisite: Visual Arts, Grade 11, University/College Preparation or Open**

This course focuses on the refinement of students' skills and knowledge in visual arts. Students will analyse art forms; use theories of art in analysing and producing art; and increase their understanding of stylistic changes in Western art, Canadian (including Native Canadian) art, and art forms from various parts of the world. Students will produce a body of work demonstrating a personal approach. Photography is the basis for a variety of careers: fashion photography, photo journalism, commercial photography for media and advertising and fine art photography. This course explores the medium of darkroom photography in terms of developing the knowledge and skills of students contemplating a career in the areas of studio and art photography and media. Students will also explore the impact of various movements and individuals on the history of contemporary photography.

## **BUSINESS STUDIES**

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### *BAT 4M1 Financial Accounting Principles*

*University/College Preparation*

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**Prerequisite: Financial Accounting Fundamentals, Grade 11**

This course introduces students to advanced accounting principles that will prepare them for post secondary 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 further develops accounting methods for assets and introduces accounting for partnerships, corporations, and sources of financing. This course helps students to meet Ontario Catholic Graduate Expectations by enabling each person to become a reflective and creative thinker who thinks reflectively and creatively to evaluate situations and solve problems.

## **CANADIAN AND WORLD STUDIES**

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### *CGW 4U1 World Issues: A Geographic Analysis*

*University Preparation*

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**Prerequisite: Any university or university/college preparation course in Canadian and World studies, English, or social science and humanities**

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 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.

### *CHI 4U1 Canada: History, Identity, and Culture*

*University Preparation*

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**Prerequisite: Any university or university/college preparation course in Canadian and World studies, English, or social science and humanities**

This course traces the history of Canada, with a focus on the evolution of our national identity and culture as well as the identity and culture of various groups that make up Canada. Students will explore various developments and events, both national and international, from precontact to the present, and will examine various communities in Canada and how they have contributed to the development of identity and heritage in Canada. Students will investigate the development of culture and identity, including national identity, in Canada and how and why they have changed throughout the country's history. 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 the people, events, and forces that have shaped Canada.



**Prerequisite:** Any university or university/college preparation course in Canadian and World studies, English, or social science and humanities

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.

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**Prerequisite:** Any university, university/college, or college preparation course in Canadian and World studies, English, or social science and humanities

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.

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

This course examines current Canadian and international economic issues, developments, policies, and practices from diverse perspectives. Students will explore the decisions that individuals and institutions, including governments, make in response to economic issues such as globalization, trade agreements, economic inequalities, regulation, and public spending. Students will apply the concepts of economic thinking and the economic inquiry process, as well as economic models and theories, to investigate, and develop informed opinions about, economic trade-offs, growth, and sustainability and related economic issues.

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## COMPUTERS

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

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. This course helps students to meet Ontario Catholic Graduate Expectations by enabling each person to become a reflective and creative thinker who thinks reflectively and creatively to evaluate situations and solve problems.

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**Prerequisite:** Introduction to Computer Programming Grade 11, College 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. This course helps students to meet Ontario Catholic Graduate Expectations by enabling each person to become a reflective and creative thinker who thinks reflectively and creatively to evaluate situations and solve problems.

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# CO-OPERATIVE EDUCATION

*COP4X2 (2 credits) or COP4X4 (4 credits)*

*Subject Based Co-operative Education*

Co-op education is a unique program that integrates academic study and classroom theory with practical workplace experience. Each student will be in a three-way partnership with the school and an employer. This learning experience helps students make informed decisions about future work, careers and education. Students develop the work habits, attitudes and job skills necessary for a successful transition from school to the workplace or other post-secondary destinations.

*BNPD (4 credits)*

*Bruce Power Co-operative Education*

BRUCE POWER CO-OPERATIVE EDUCATION PACKAGE

Typical placements could include engineering, mechanical maintainer, instrumentation/control technician, security, fire prevention, radiation protection, lab technician, audio visual, accounting, and secretarial. An interview will be required before entering the program. **NOTE:** A separate application package is due in early March. See Guidance.

# LAW

*CLN 4U1 Canadian and International Law*

*University Preparation*

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

This course explores a range of contemporary legal issues and how they are addressed in both Canadian and international law. Students will develop 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.

# ENGLISH

*ENG 4U1 English*

*University Preparation*

**Prerequisite: English Grade 11, University Preparation**

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. This course helps students to meet Ontario Catholic Graduate Expectations by enabling each person to become an effective communicator who listens actively and critically to understand and learn in light of gospel values, who reads, understands and uses written materials effectively and who presents information and ideas clearly and honestly and with sensitivity to others.

*ENG 4C1 English*

*College Preparation*

**Prerequisite: English, Grade 11, College Preparation**

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. This course helps students to meet Ontario Catholic Graduate Expectations by enabling each person to become an effective communicator who listens actively and critically to understand and learn in light of gospel values, who reads, understands and uses written materials effectively and who presents information and ideas clearly and honestly and with sensitivity to others.

**Prerequisite: English, Grade 11, Workplace Preparation**

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. This course helps students to meet Ontario Catholic Graduate Expectations by enabling each person to become an effective communicator who listens actively and critically to understand and learn in light of gospel values, who reads, understands and uses written materials effectively and who presents information and ideas clearly and honestly and with sensitivity to others.

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**Prerequisite: English, Grade 11, College Preparation**

This course is being offered in 2019-2020 school year.

This course is for students with a special interest in literature. The course may focus on themes, genres, time periods, or countries. Students will study a variety of forms and stylistic elements of literary texts and respond personally, critically, and creatively to them. They will also investigate critical interpretations and complete an independent study project. This course helps students to meet Ontario Catholic Graduate Expectations by enabling each person to become an effective communicator who listens actively and critically to understand and learn in light of gospel values, who reads, understands and uses written materials effectively and who presents information and ideas clearly and honestly and with sensitivity to others.

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**Prerequisite: English, Grade 11, University Preparation**

**This course is being offered in the 2019-2020 school year.**

This course is for students with a special interest in literature and literary criticism. The course may focus on themes, genres, time periods, or countries. Students will analyse a range of forms and stylistic elements of literary texts and respond personally, critically, and creatively to them. They will also assess critical interpretations, write analytical essays, and complete an independent study project. This course helps students to meet Ontario Catholic Graduate Expectations by enabling each person to become an effective communicator who listens actively and critically to understand and learn in light of gospel values, who reads, understands and uses written materials effectively and who presents information and ideas clearly and honestly and with sensitivity to others.

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**Prerequisite: English, Grade 11, College Preparation**

**This course will be offered in the 2020-2021 school year.**

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. This course helps students to meet Ontario Catholic Graduate Expectations by enabling each person to become an effective communicator who listens actively and critically to understand and learn in light of gospel values, who reads, understands and uses written materials effectively and who presents information and ideas clearly and honestly and with sensitivity to others.

**Prerequisite: English, Grade 11, University Preparation**

**This course will be offered in the 2020-2021 school year.**

This course emphasizes knowledge and skills related to the craft of writing. Students will analyse models of effective writing; use a workshop approach to produce a range of works; identify and use techniques required for specialized forms of writing; and identify effective ways to improve the quality of their writing. They will also complete a major paper as part of a creative and analytical independent study project and investigate opportunities for publication and for writing careers. This course helps students to meet Ontario Catholic Graduate Expectations by enabling each person to become an effective communicator who listens actively and critically to understand and learn in light of gospel values, who reads, understands and uses written materials effectively and who presents information and ideas clearly and honestly and with sensitivity to others.

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### *OLC 4O1 Ontario Secondary School Literacy Course*

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**Prerequisite: Students who have been eligible to write the Ontario Secondary School Literacy Test at least twice, have attempted and been unsuccessful at least once, are eligible to take this course.**

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 may be used to meet either the Grade 12 English compulsory credit requirement or the Group 1 additional compulsory credit requirement, or may be used as an elective credit. Please note that colleges and universities will not consider this English credit for admission into their programs. This course helps students to meet Ontario Catholic Graduate Expectations by enabling each person to become an effective communicator who listens actively and critically to understand and learn in light of gospel values, who reads, understands and uses written materials effectively and who presents information and ideas clearly and honestly and with sensitivity to others.

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## **FRENCH**

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### *FIF 4UF French Immersion*

*University Preparation*

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**Prerequisite: French Immersion, Grade 11, University Preparation**

This course provides for 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.

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### *FSF 4U1 French (Core)*

*University Preparation*

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**Prerequisite: Core French, Grade 11, University Preparation**

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 the skills necessary for lifelong language learning.

# HEALTH AND PHYSICAL EDUCATION

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## *PPL 4O1 Healthy Active Living Education (Open)*

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**Prerequisite:** None

**Course Fee:** Approximately \$40 - \$80 depending on class activities.

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.

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## *PAF 4O1 Personal Fitness (Open)*

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**This course has a \$125.00 course fee associated with it.**

This course focuses on the development of a healthy lifestyle with an emphasis on physical fitness. Students will develop individual fitness plans to improve or to maintain a high level of fitness. Regular work-outs will include an emphasis on weight training and cardiovascular training. This course will also focus on designing training programs for specific sport development - preseason, season and post-season training. In addition, students will be given opportunities to refine their decision-making, conflict resolution, and interpersonal skills, with a view of enhancing their mental health and their relationships with others.

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## *PAL 4O1 Physical Education for Athletics (Open)*

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**This course has a \$125.00 course fee associated with it.**

This course will provide an opportunity for students to develop their skills in traditional large group sporting activities (e.g. basketball, volleyball, rugby, etc.) through a competitive environment. Students will explore and improve their technical, tactical, and game play ability and understanding. Knowledge, skills, and attitudes needed to improve athletic performance will also be developed through the investigation of personal safety/injury prevention, healthy eating, substance use/addiction, human development/sexual health, and personal fitness. Throughout the course, students will be expected to build their sense of self, learn to interact positively with others, and develop their ability to think critically and creatively.

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## *PSK 4U1 Introductory Kinesiology*

*University Preparation*

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

**This course has a \$125.00 course fee associated with it.**

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.

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## *PLF 4M1 Recreation & Healthy Active Living Leadership*

*University/College Preparation*

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**Prerequisite:** Any health and physical education course.

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

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## *MCV 4U1 Calculus and Vectors, Grade 12*

*University Preparation*

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**Prerequisite:** MHF is a prerequisite or corequisite of MCV4U

Note: Advanced Functions can be taken concurrently with or can precede Calculus and Vectors.

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. This course helps students to meet Ontario Catholic Graduate Expectations by enabling each person to become a reflective and creative thinker who thinks reflectively and creatively to evaluate situations and solve problems.

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## *MCT 4C1 Mathematics for College Technology*

*College Preparation*

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

This course enables students to extend their knowledge of functions. Students will investigate and apply properties of polynomial, exponential, and trigonometric functions; continue to represent functions numerically, graphically, and algebraically; develop facility in simplifying expressions and solving equations; and solve problems that address applications of algebra, trigonometry, vectors, and geometry. Students will reason mathematically and communicate their thinking as they solve multi-step problems. This course prepares students for a variety of college technology programs. This course helps students to meet Ontario Catholic Graduate Expectations by enabling each person to become a reflective and creative thinker who thinks reflectively and creatively to evaluate situations and solve problems.

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## *MHF 4U1 Advanced Functions*

*University Preparation*

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**Prerequisite:** Functions, Grade 11, University Preparation or Mathematics for College Technology MCT4C

This course extends students' experience with functions. Students will investigate the properties of polynomial, rational, logarithmic, and trigonometric functions; develop techniques for combining functions; broaden their understanding of rates of change; and develop facility in applying these concepts and skills. Students will also refine their use of the mathematical processes necessary for success in senior mathematics. This course is intended both for students taking the Calculus and Vectors course as a prerequisite for a university program and for those wishing to consolidate their understanding of mathematics before proceeding to any one of a variety of university programs. This course helps students to meet Ontario Catholic Graduate Expectations by enabling each person to become a reflective and creative thinker who thinks reflectively and creatively to evaluate situations and solve problems.

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## *MDM 4U1 Mathematics of Data Management*

*University Preparation*

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

This course broadens students' understanding of mathematics as it relates to managing data. Students will apply methods for organizing large amounts of information; solve problems involving probability and statistics; and carry out a culminating 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. This course helps students to meet Ontario Catholic Graduate Expectations by enabling each person to become a reflective and creative thinker who thinks reflectively and creatively to evaluate situations and solve problems.

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**Prerequisite:** Mathematics, Grade 11 College or Mathematics, Grade 11 College/University or Mathematics, Grade 11 University

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. This course helps students to meet Ontario Catholic Graduate Expectations by enabling each person to become a reflective and creative thinker who thinks reflectively and creatively to evaluate situations and solve problems.

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**Prerequisite:** Mathematics for Everyday Life, Grade 11, Workplace 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 and create household budgets; use proportional reasoning; estimate and measure; and apply geometric concepts to create designs. Students will consolidate their mathematical skills as they solve problems and communicate their thinking. This course helps students to meet Ontario Catholic Graduate Expectations by enabling each person to become a reflective and creative thinker who thinks reflectively and creatively to evaluate situations and solve problems.

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## FIRST NATIONS, MÉTIS, & INUIT STUDIES

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**Prerequisite:** Any Grade 11 university, university/college, or college preparation course in Native studies

This course provides students with an overview of the issues and challenges that confront indigenous peoples worldwide. Students will develop an understanding of the concerns and aspirations of the world's indigenous population, plan and conduct research on global issues that have an impact on indigenous peoples, and use information technology to consult materials related to the views of indigenous peoples throughout the world.

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## SCIENCE

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**Prerequisite:** Biology, Grade 11, University Preparation

**Recommended Preparation:** Chemistry, Grade 11, University Preparation

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. This course helps students to meet Ontario Catholic Graduate Expectations by enabling each person to become a reflective and creative thinker who thinks reflectively and creatively to evaluate situations and solve problems.

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**Prerequisite:** Chemistry, Grade 11 University Preparation

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. This course helps students to meet Ontario Catholic Graduate Expectations by enabling each person to become a reflective and creative thinker who thinks reflectively and creatively to evaluate situations and solve problems.

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**Prerequisite: Science, Grade 10, Academic or Applied**

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. This course helps students to meet Ontario Catholic Graduate Expectations by enabling each person to become a reflective and creative thinker who thinks reflectively and creatively to evaluate situations and solve problems.

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**Physics, Grade 11 University Preparation**

This course enables students to deepen their understanding of physics concepts and theories. Students will continue their exploration of energy transformations and the forces that affect motion, and will investigate electrical, gravitational, and magnetic fields and electromagnetic radiation. Students will also explore the wave nature of light, quantum mechanics, and special relativity. They will further develop their scientific investigation skills, learning, for example, how to analyse, qualitatively and quantitatively, data relating to a variety of physics concepts and principles. Students will also consider the impact of technological applications of physics on society and the environment. This course helps students to meet Ontario Catholic Graduate Expectations by enabling each person to become a reflective and creative thinker who thinks reflectively and creatively to evaluate situations and solve problems.

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**Prerequisite: Science, Grade 10, Academic or Applied**

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. This course helps students to meet Ontario Catholic Graduate Expectations by enabling each person to become a reflective and creative thinker who thinks reflectively creatively to evaluate situations and solve problems.

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**Prerequisite: Science, Grade 10, Applied or Science, Grade 11, Workplace**

This course provides students with 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.

This course helps students to meet Ontario Catholic Graduate Expectations by enabling each person to become a reflective and creative thinker who thinks reflectively creatively to evaluate situations and solve problems.



## RELIGION

*HRE 4M1 Church and Culture*  
*HRE 4MF (Immersion)*

*College/University Preparation*

**Prerequisite:** Grade 11, Religious Education, HRE 3M or Grade 11 English, University ENG 3U, or Grade 11 English, College ENG 3C, or any Grade 11 Social Studies and the Humanities, University, University/College or College level.

This course enables students to deepen their understanding of how the Church engages contemporary culture with faith and reason, in pursuit of love, justice, and the common good. Students will have opportunity to learn how living the Baptismal vocation to a virtuous life, filled with the joy of the Gospel and nurtured by the sacraments, can transform them and society from within, allowing God to reign in human hearts. Students will also refine research and inquiry skills.

*HRE 4O1 Church and Culture (Open)*

**Prerequisite:** None

This course has the aim of assisting students in understanding themselves as moral persons living the way of Christ through an examination of the revelation of sacred Scripture, and the experience and teaching of the Catholic Church. It engages students in critical reflection on significant contemporary moral and ethical issues in light of Scripture, Church teaching, and their own experiences (i.e. Theological Reflection). Social and ecological justice issues are explored along with a study of topics that focus on Christian mercy and forgiveness. The graces and challenges of every day human living, understanding who we are, what we are called to be, and living in relationships, including marriage, and family life are explored from a Catholic perspective. Students are challenged to adopt the Christian stance in the political world.

## SOCIAL SCIENCE AND HUMANITIES

*HPD 4C1 Working with School-Age Children and Adolescents*

*College Preparation*

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

This course prepares students for occupations involving school-age children and adolescents. Students will study a variety of theories about child behaviour and development, and will have opportunities for research and observation and for practical experiences with older children. Students will become familiar with occupational opportunities and requirements related to working with older children and adolescents. They will develop research skills used in investigating child and adolescent behaviour and development.

*HIP 4O1 Personal Life Management (Open)*

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.

*HSB 4U1 Challenge and Change in Society*

*University Preparation*

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

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

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

This course enables students to acquire an understanding of the nature of philosophy and philosophical reasoning skills and to develop and apply their knowledge and skills while exploring specialized branches of philosophy (the course will cover at least 3 of the following branches: metaphysics, ethics, epistemology, philosophy of science, social and political philosophy, aesthetics). Students will develop critical thinking and philosophical reasoning skills as they formulate and evaluate arguments related to a variety of philosophical questions and theories. They will also develop research and inquiry skills related to the study and practice of philosophy.

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

**Strongly Recommended:** HFN1O1 or NFN2O1

This course focuses on the relationship between nutrition and health at different stages of life and on global issues related to food production. Students will investigate the role of nutrition in health and disease and assess strategies for promoting food security and environmental responsibility. Students will learn about healthy eating, expand their repertoire of food-preparation techniques, and refine their ability to use social science research and inquiry methods to investigate topics related to nutrition and health.

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

**Strongly Recommended:** HFN1O1 or NFN2O1

This course examines the relationships between food, energy balance, and nutritional status; the nutritional needs of individuals at different stages of life; and the role of nutrition in health and disease. Students will evaluate nutrition-related trends and will determine how food choices can promote food security and environmental responsibility. Students will learn about healthy eating, expand their repertoire of food-preparation techniques, and develop their social science research skills by investigating issues related to nutrition and health.

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## TECHNOLOGY

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**Prerequisite:** Transportation Technology, Grade 11, College Preparation

This course enables students to further develop technical knowledge and skills as they study, test, service, and repair engine management systems; power trains; steering/control, suspension, brake, and body systems on vehicles, aircraft, and/or watercraft; and/or small engine products. Students will refine communication and teamwork skills through practical tasks, using a variety of tools and equipment. Students will expand their awareness of environmental and societal issues related to transportation and their knowledge of apprenticeship and college programs leading to careers in the transportation industry. This course helps students to meet Ontario Catholic Graduate Expectations by enabling each person to become a reflective and creative thinker who thinks reflectively and creatively to evaluate situations and solve problems.

**Prerequisite: None**

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. This course helps students to meet Ontario Catholic Graduate Expectations by enabling each person to become a reflective and creative thinker who thinks reflectively and creatively to evaluate situations and solve problems.

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**Prerequisite: Technological Design, Grade 11, University/College Preparation**

This course introduces students to the fundamentals of design advocacy and marketing, while building on their design skills and their knowledge of professional design practices. Students will apply a systematic design process to research, design, build, and assess solutions that meet specific human needs, using illustrations, presentation drawings, and other communication methods to present their designs. Students will enhance their problem solving and communication skills, and explore career opportunities and the postsecondary education and training requirements for them. This course helps students to meet Ontario Catholic Graduate Expectations by enabling each person to become a reflective and creative thinker who thinks reflectively and creatively to evaluate situations and solve problem.

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**Prerequisite: Construction Engineering Technology, Grade 11, College Preparation**

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.

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**Prerequisite: Communications Technology, Grade 11, University/College**

This course enables students to further develop media knowledge and skills while designing and producing projects in the areas of live, recorded, and graphic communications. Students may work in the areas of TV, video, and movie production; radio and audio production; print and graphic communications; photography; digital imaging; broadcast journalism; and interactive new media. Students will also expand their awareness of environmental and societal issues related to communications technology and will investigate career opportunities and challenges in a rapidly changing technological environment. This course helps students to meet Ontario Catholic Graduate Expectations by enabling each person to become a reflective and creative thinker who thinks reflectively and creatively to evaluate situations and solve problems.

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**Prerequisite: None**

This course enables students to develop knowledge and skills in the areas of photography, digital imaging, animation, 3D modelling, and web design. Students will work both independently and as part of a production team to design and produce media products in a project-driven environment. Practical projects may include photo galleries, digital images, animations, 3D models, and websites. Students will also expand their awareness of environmental and societal issues related to communications technology and explore postsecondary education, training, and career opportunities. This course helps students to meet Ontario Catholic Graduate Expectations by enabling each person to become a reflective and creative thinker who thinks reflectively and creatively to evaluate situations and solve problems.

**Prerequisite: Manufacturing Technology, Grade 11, College Preparation**

This course enables students to further develop knowledge and skills related to machining, welding, print reading, computer numerical control (CNC), robotics, and design. Students will develop proficiency in using mechanical, pneumatic, electronic, and computer control systems in a project-based learning environment and may have opportunities to obtain industry-standard training and certification. Students will expand their awareness of environmental and societal issues and career opportunities in the manufacturing industry. This course helps students to meet Ontario Catholic Graduate Expectations by enabling each person to become a reflective and creative thinker who thinks reflectively and creatively to evaluate situations and solve problems.

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**Prerequisite: Manufacturing Technology, Grade 11, Workplace Preparation**

This project-driven, hands-on course builds on students' experiences in manufacturing technology. Students will further develop knowledge and skills related to the use of engine lathes, milling machines, welding machines, and other related tools and equipment as they design and fabricate solutions to a variety of technological challenges in manufacturing. Students may have opportunities to acquire industry-standard training and certification. Students will expand their awareness of environmental and societal issues and of career opportunities in the manufacturing industry. This course helps students to meet Ontario Catholic Graduate Expectations by enabling each person to become a reflective and creative thinker who thinks reflectively and creatively to evaluate situations and solve problems.

## GENERAL INFORMATION

### REMEDIAL PROGRAMS

Remediation is offered to students who need help to be successful in one or more subjects. The classroom teachers, resource teachers and educational assistants work together to provide a program as needed. This may take the form of tutorials, accommodations/modifications in the delivery of courses, use of consolidation periods, etc. Board personnel such as speech and language pathologists and psychometrists also provide services as required.

### EVALUATION AND EXAMINATION POLICIES

Policies re: the evaluation of students including those pertaining to examinations are determined by the Ministry of Education. Specific procedures as they relate to the writing of examinations are outlined in the student handbook. Any policies specific to individual course(s) will be outlined by the teacher at the beginning of each semester.

### RECORDING AND REPORTING PROCEDURES

Student progress is recorded on the Ontario Student Transcript (OST) at the end of the semester, according to procedures outlined by the Ministry of Education. These are kept in the Ontario Student Record (OSR). Report cards are produced twice each semester with interim reports being distributed at other times in the semester.

### SCHOOL SUPPORT SERVICES

The library resource centre is open daily and offers a variety of learning aids including print, visual and computer resources. Computers for student use are available in the guidance area as well as in the computer lab.

### CO-OPERATIVE EDUCATION PROGRAMS

Co-operative Education courses at St. Mary's High School enable students to spend part of their school day in a curriculum-related community work setting. Students choosing any of the co-operative courses gain hands-on experience (15-18 weeks) at a community work site, and on successful completion of the program are awarded credits towards the Ontario Secondary School Diploma for the out-of-school component.

Courses involve an advanced identification of learning, a monitoring of the work involved and a co-operative evaluation by both the instructor in the school and the supervisor at the work site. The work site is utilized as a laboratory experience and, in this regard, is perceived as an extension of the classroom program.

Each co-operative education course has specific prerequisites and co-requisites as determined by the particular subject area.

### SPECIAL EDUCATION PLAN

Information regarding the board's policy on Special Education, including parent guide and board programs are available from the school principal. This information is also available on the board web site: ([www.bgcsdb.org](http://www.bgcsdb.org))

### GUIDANCE AND CAREER EDUCATION

Both career and personal counselling is offered through the student services department. Information regarding colleges, universities, apprenticeships, and other work programs is available.

### STUDENT RESPONSIBILITIES

Information concerning the school's expectations regarding achievement, attendance, as well as the school's code of behaviour is given in detail in the student handbook.

### ONTARIO STUDENT RECORD

The Ontario Student Record is the record of a student's educational progress through schools in Ontario. Every student and the parents of a student, until the student reaches the age of eighteen, has access to the OSR.

The Ontario Student Transcript will include full disclosure for all secondary students taking Grade 11 and 12 credit courses and the highest achievement in successfully completed Grade 9 and 10 courses.

### COURSE WITHDRAWAL FOR GRADE 9 AND 10 COURSES

No entry will be recorded on the OST. If a student repeats a course, the highest successful mark only will be recorded on the transcript.

## COURSE WITHDRAWAL FOR GRADE 11 OR 12 COURSES

If a student withdraws from a Grade 11 or 12 course:

- a) within 5 instructional days following the issue of the first provincial report card, the course will not be recorded on the OST.
- b) after the 5<sup>th</sup> instructional day following the issue of the first provincial report card, a “W” will be entered in the Credit Column and the student’s mark at the time of withdrawal will be recorded in the percentage grade column.

## TECHNOLOGY COURSES

Students enrolling in tech classes (Manufacturing, Transportation, and Tech Design) will be required to wear safety glasses when working in the shop. Safety glasses can be purchased from the classroom teacher.

## STUDENT SUCCESS

Completion of an Ontario secondary education provides students with the knowledge and skills they will need to be successful in whatever direction they follow in later life. Having an Ontario Secondary School Diploma (OSSD) opens an unlimited number of doors for students, whether it be directly to the workplace or to post-secondary education.

St. Mary’s High School is firmly committed to helping every student achieve a successful outcome from their secondary school program. As a Catholic school community, we feel that creating a caring and supportive community in which every person’s uniqueness is treasured is our primary goal. In recognition of their uniqueness, students are provided with an immense range of opportunities that allow them to explore their interests and develop their skills so that each student can reach his/her potential. Included in these opportunities are the following:

- 1) a wide range of course offerings including all course types at each Grade level
- 2) a wide range of pathways programs
- 3) access to Dual Credit programs
- 4) Specialist High Skills Major Programs
- 5) career exploration opportunities including job shadowing and co-operative education programs
- 6) additional supports provided by school’s Student Success Teachers, Guidance Counsellors, Special Education Teachers and Chaplain
- 7) Grade 8 to 9 Transition program
- 8) a wide variety of co-curricular activities
- 9) an emphasis on the use of technology in the classrooms and other learning areas.

## SEMESTERING

Provincial Report Cards are issued twice during each semester. Additional reports are made available to parents on a regular basis by teachers as well. Formal Parent-Teacher interviews are held once per semester. The dates and times for these interviews are announced by the school using a variety of means.

## NON-CREDIT COURSES

Alternative (non credit) courses are ones that are offered but are not part of the Ontario curriculum. Normally, students who are not working towards an Ontario Secondary School Diploma, because of circumstances that greatly impede their learning, would be involved in an alternative (non-credit) program.

## ONTARIO SECONDARY SCHOOL LITERACY TEST-ADJUDICATION PROCESS

Students otherwise eligible to graduate in June are eligible for adjudication to obtain their graduation literacy requirement when they meet one or a combination of the following criteria:

1. Student was never able to write the test because of illness, injury, or other extenuating circumstances.
2. The student enrolled in the OSSLC, but due to illness, injury, or extenuating circumstances, was not able to complete the OSSLC.
3. The student was receiving special education programs or services, and had an Individual Education Plan (IEP) documenting required accommodations when taking the OSSLT, but due to unforeseen circumstances these accommodations were not available when the test was taken. A student must have been present to take the test but was unable to access the planned accommodations, or a reasonable alternative to them, during the whole test or for part of the test, due to unforeseen circumstances. Some examples would be computer failure, the illness of a scribe, or the absence of specialized presentation formats (e.g., large-print version, coloured-paper version).

**Students and/or parents/guardian of students who feel that they meet one or more of the above criterion and wish to apply for adjudication need to submit all required documents to the school principal by June 1<sup>st</sup>.**

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## SPECIALIZED PROGRAMS

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### Dual Credit Programs

Dual credit programs allow participating students to earn both a secondary school credit and a college-level credit for the same course. As per Ministry of Education guidelines, the school plans to offer a dual credit program in 2010-11. More information about the specific program to be offered will be released later in the spring.

### Summer Co-operative Education

Through the Summer Co-operative Education program, students have the opportunity to gain work experience as well as earn credits during the summer. Information about this program will be made available to students in early spring.

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## SPECIALIST HIGH SKILLS MAJOR

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### HEALTH AND WELLNESS

The Specialist High Skills Major (SHSM) is a ministry-approved program that allows students to focus their learning on a specific economic sector while meeting the requirements for their Ontario Secondary School Diploma (OSSD). Pursuing a SHSM provides many advantages to students including:

1. the opportunity to customize their secondary school education to suit their interests and talents while meeting the requirements for an OSSD.
2. explore, identify and refine career goals
3. take part in “reach ahead” activities in their post-secondary destination of choice
4. develop Essential Skills and work habits that are required in the sector

The Health and Wellness SHSM offered by the Bruce-Grey Catholic District School Board will focus on health care and the preventative side of health, including physical fitness, mental health, and nutrition. As part of the program, students will:

1. complete a bundle of 9 credits, including 4 “major” credits
  2. complete 4 compulsory and 3 optional sector-recognized certifications and training courses
  3. participate in experiential learning activities
  4. participate in “reach ahead” activities
  5. develop their Essential Skills (as identified by Human Resources and Social Development Canada) and use the Ontario Skills Passport
- \* Students should meet with guidance to determine their course pathway for the Specialist High Skills Major program.

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## GUIDANCE SECTION

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### Education Planning

Support for students and parents with respect to education planning and course selection is offered through a variety of means. These include:

- 1) Guidance Counsellors, in particular, as well as Special Education and Student Success Teachers are available to provide help to individual students as well as to groups. Other teachers can also provide subject-specific information as may be required.
- 2) Credit courses such as Career Studies (GLC 20) and Designing Your Future (GWL 30) can provide valuable career information.
- 3) The use of software programs including Career Cruising can be very helpful in planning future employment.
- 4) A number of guest speakers that visit the school each year provide valuable advice.
- 5) A variety of print resources including information about Pathways Programs and a Guide to Selecting the Right Courses in Grade 9 are posted on the board’s website ([www.bgcsdb.org](http://www.bgcsdb.org)) under the Student Success section.

### Credit Recovery

St. Mary’s High School offers a credit recovery program that provides the opportunity for students to achieve a credit in a course previously failed. The decision as to whether an individual student is eligible for credit recovery is made by the school’s Student Success Team.

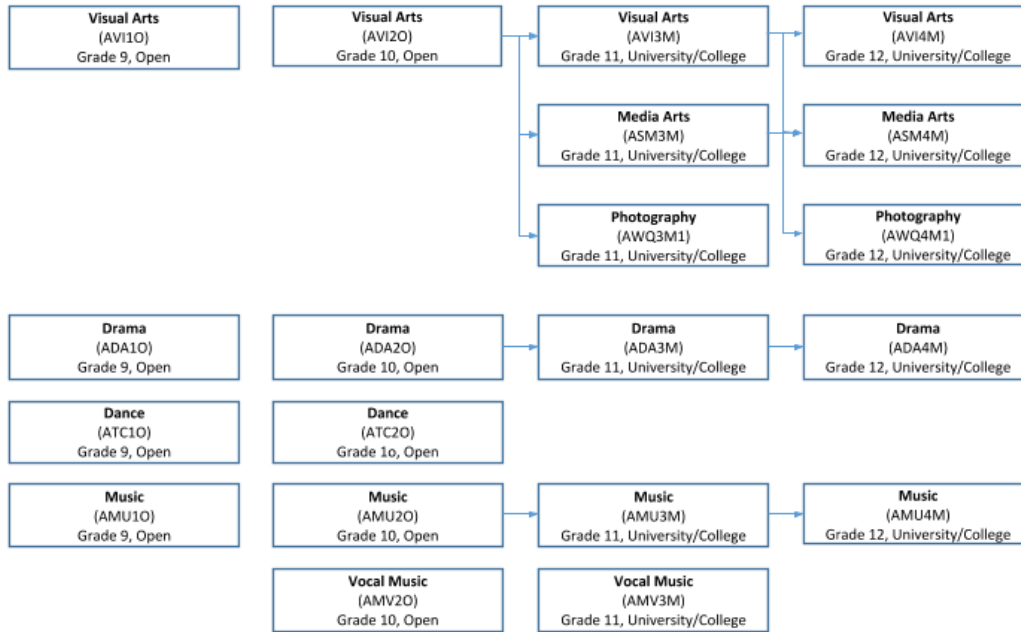
### Student Success Program

The teachers in the Student Success program work specifically in conjunction with the Guidance Counsellors, Special Education teachers and administration as well as with all other staff members to provide supports to students, particularly those students who are identified as being “at-risk”. These teachers facilitate the transition of students from Grade 8 to Grade 9 as well as regularly monitor the progress of these students. Student Success Teachers may also be involved directly in the delivery of credit recovery programs.

### Transition Plan

Since the transition from Grade 8 to Grade 9 can be a difficult one for many students, the school implements a Transition plan to support students both while they are in Grade 8, as well as when they reach the secondary school. The Student Success Teacher plays a key role in this, making connections with students while they are in elementary school and when they get to Grade 9. Included in the transition plan is a Summer Orientation Session for students, held in August, which allows them to become familiar with their new school prior to the official first day of classes.

## Prerequisite Chart for the Arts

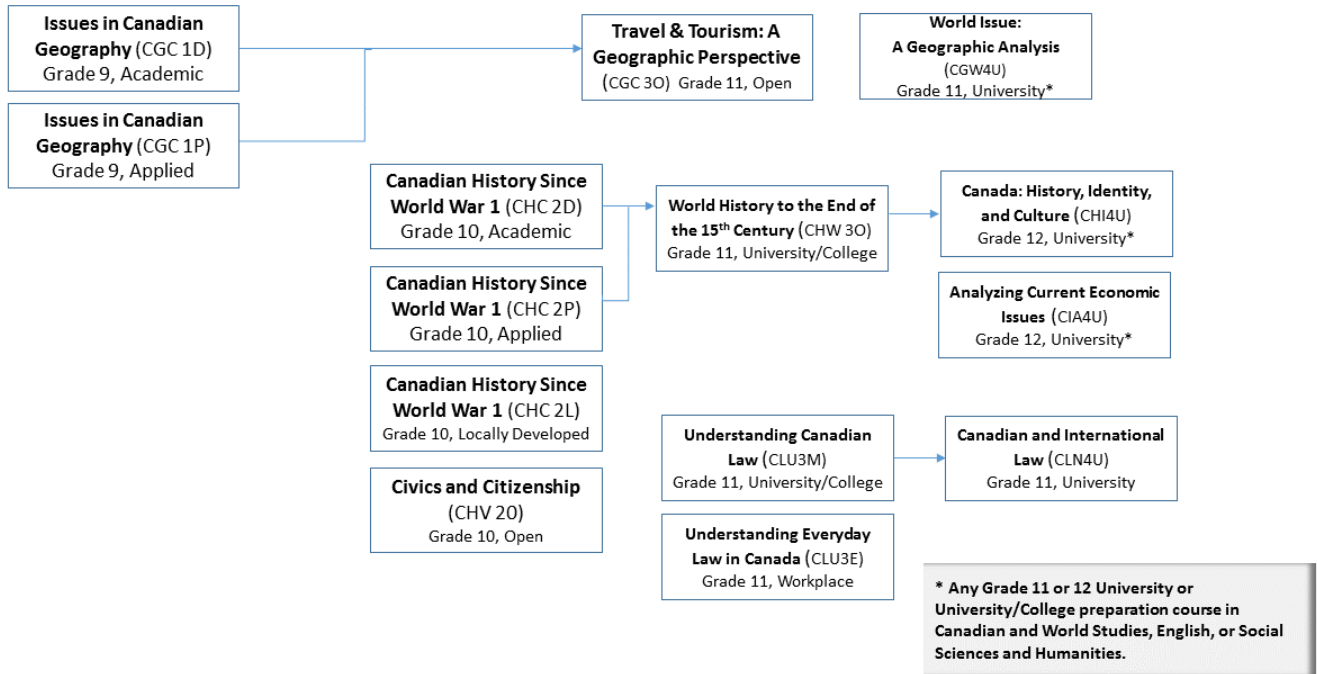


## Prerequisite Chart for Business Studies

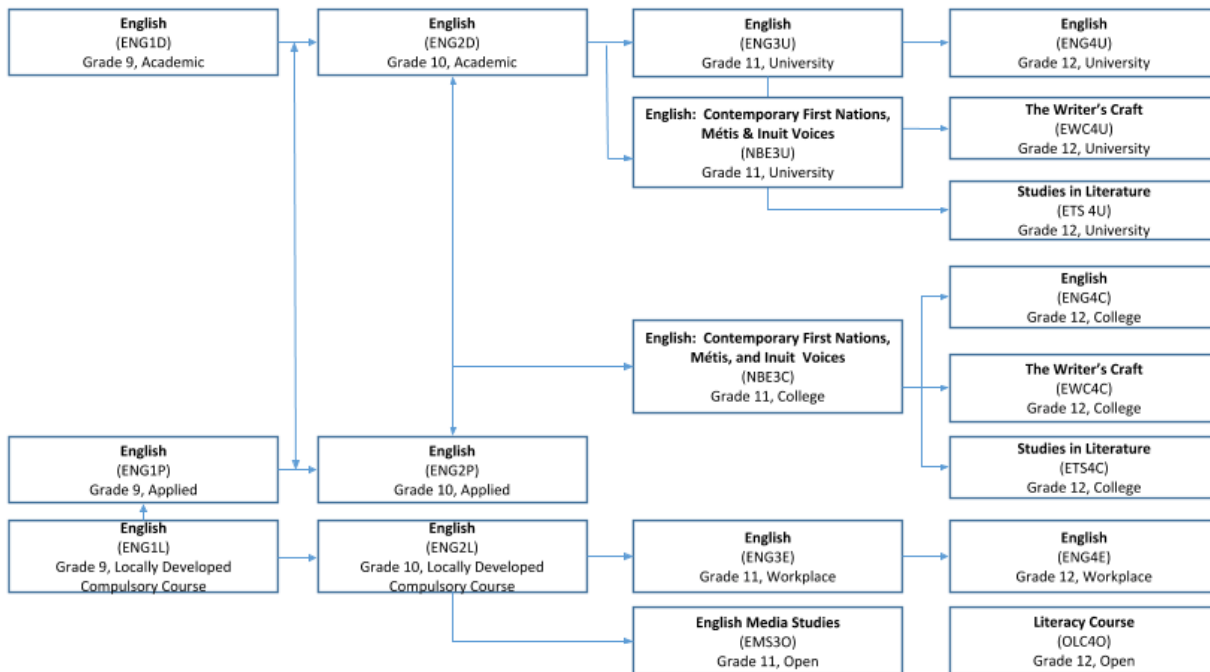




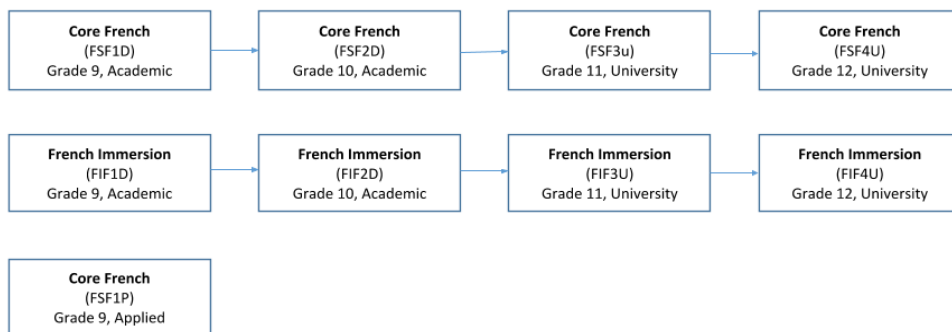
# Prerequisite Chart for Canadian and World Studies



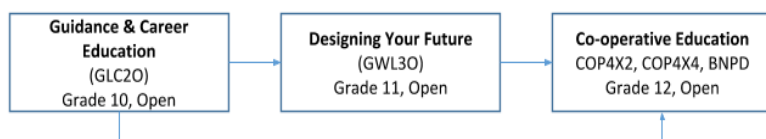
# Prerequisite Chart for English



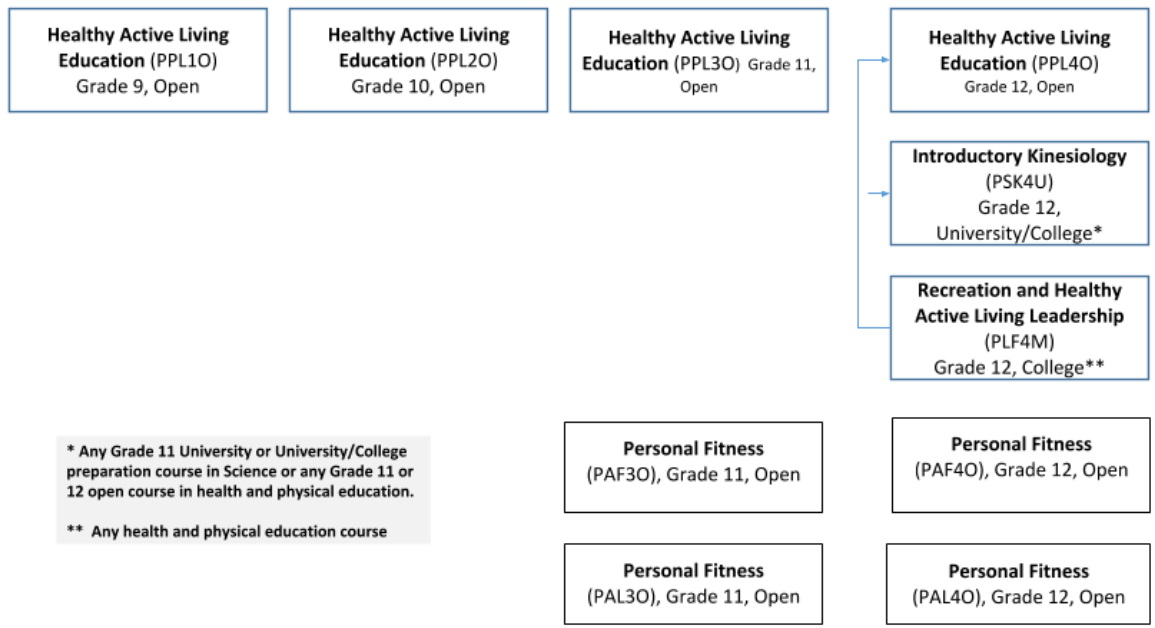
## Prerequisite Chart for French As a Second Language



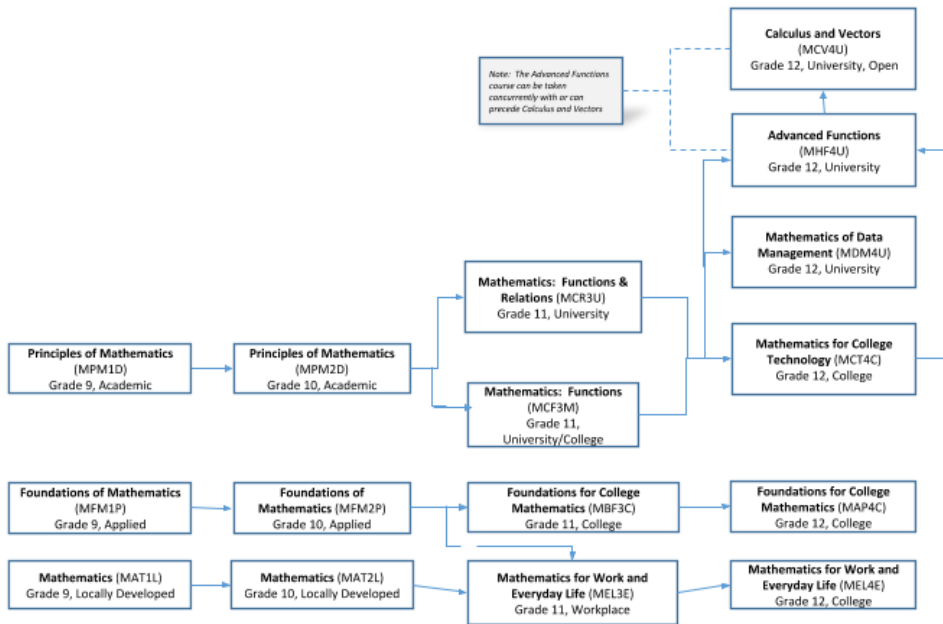
## Prerequisite Chart for Guidance and Career Education



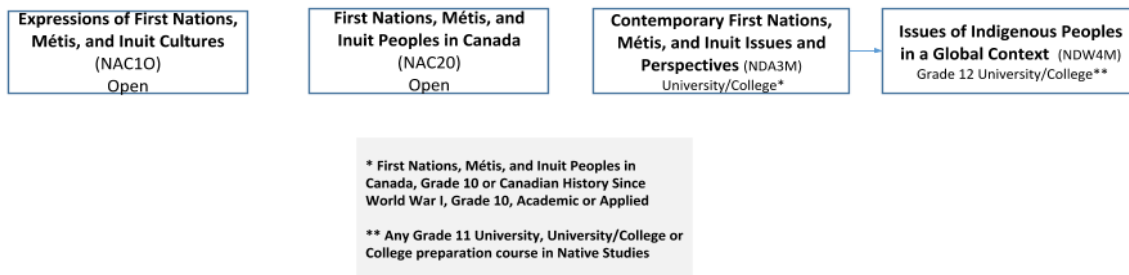
# Prerequisite Chart for Health & Physical Education



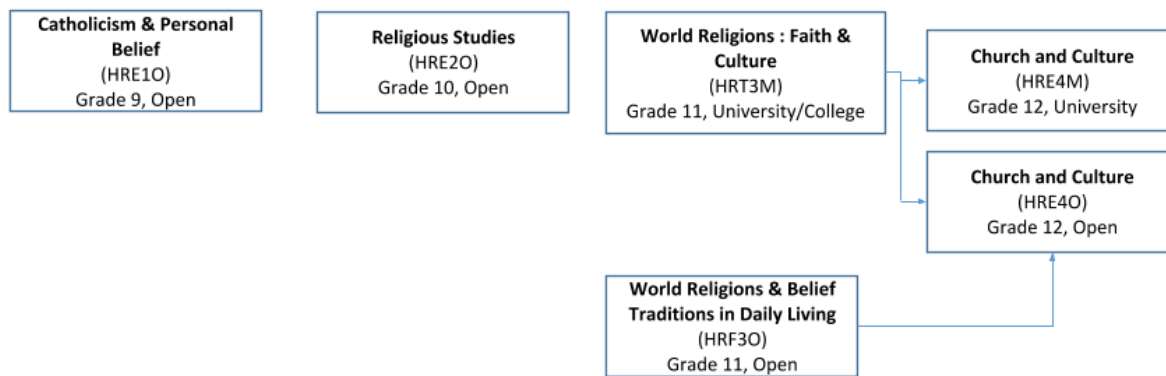
# Prerequisite Chart for Mathematics



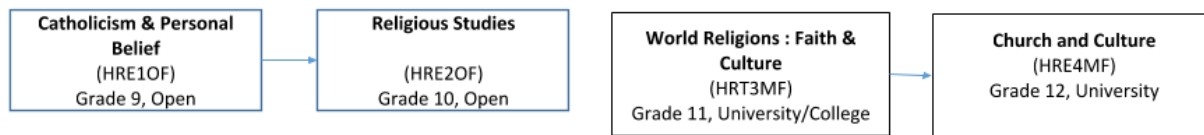
## Prerequisite Chart for Native Studies



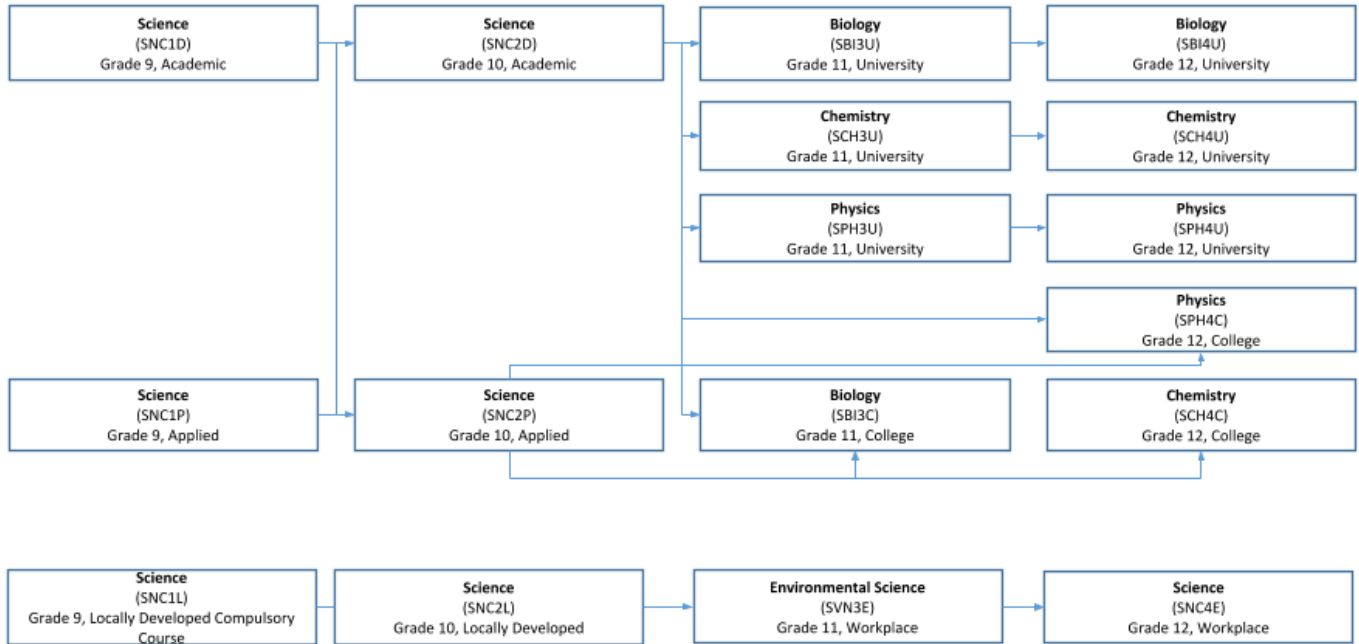
## Prerequisite Chart for Religious Studies



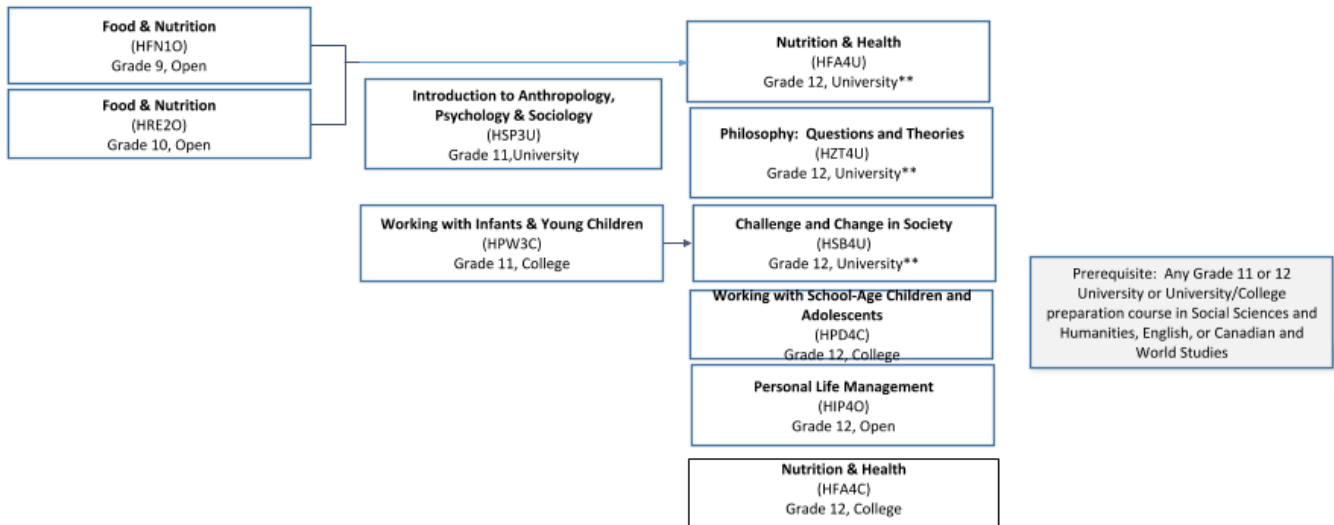
### French Immersion



## Prerequisite Chart for Science

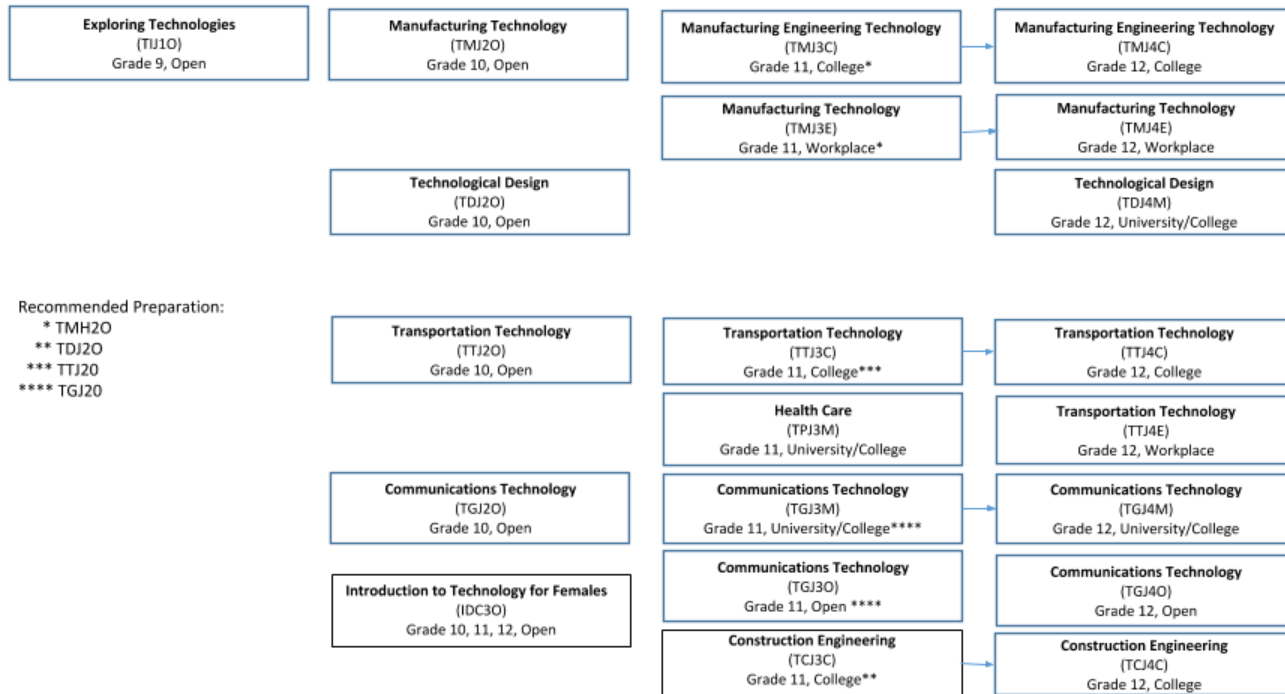


## Prerequisite Chart for Social Sciences and Humanities

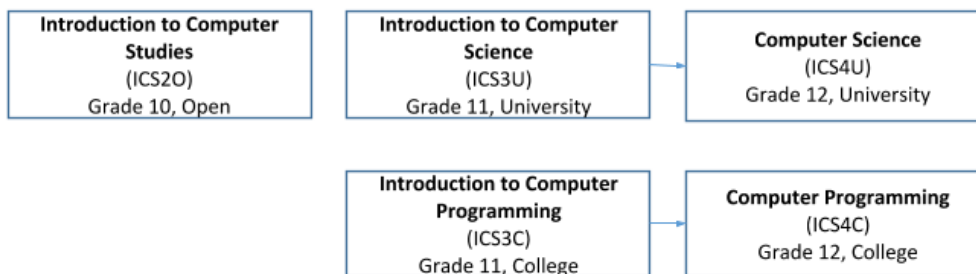


Prerequisite: Any Grade 11 or 12 University or University/College preparation course in Social Sciences and Humanities, English, or Canadian and World Studies

# Prerequisite Chart for Technological Education, Part A: Broad-Based Technology



# Prerequisite Technological Education, Part B: Computer Studies





# A MORE EXCELLENT WAY



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