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## Mission Statement

The Bishop Allen motto is “*Gaudete in Domino*”, that is, “*Rejoice in the Lord.*” This motto serves as our community’s focus.

At Bishop Allen Academy we incorporate the Board’s mission statement as our guiding principle.

In a school community formed by Catholic beliefs and traditions, our Mission is to educate students to their full potential by providing:

- Leadership in the shared responsibility for education that exists among schools, students, families, parishes and the community.
- A safe and welcoming learning environment that is an example of Christian community.
- Role models of Gospel values and Catholic doctrines, teachings and beliefs.
- Guidance in what students need to learn.
- Instruction in the learning process itself.
- Religious, academic and technological instruction.
- Integration of Catholic, Christian beliefs into the total learning experience; and feedback on students’ proficiency and performance.

## Catholic Graduate Expectations

The Bishop Allen graduate is expected to be:

- A discerning believer formed in the Catholic Faith community who celebrates the signs and sacred mystery of God’s presence through word, sacrament, prayer, reflection and moral living.
- An effective communicator who speaks, writes and listens honestly and sensitively, responding critically in light of gospel values.
- A reflective, creative and holistic thinker who solves problems and makes responsible decisions with an informed moral conscience for the common good.
- A self-directed, responsible, lifelong learner who develops and demonstrates his/her God-given potential.
- A collaborative contributor who finds meaning, dignity and vocation in work which respects the rights of all and contributes to the common good.
- A caring family member who attends to family, school, parish, and the wider community.
- A responsible citizen who gives witness to Catholic social teaching by promoting peace, justice and the sacredness of human life.

## Student Services Department

*Mrs. H. Sbrocchi – Head • Mr. J. McCabe, Mrs. V. Pinto,  
Mr. M. Tuohy, Mr. J. Conroy – Youth Worker  
Mrs. L. Rinella-Secretary*

The aim of the Student Services Department is to assist students in three major areas:

### Student Development

Students will learn to set and achieve learning goals, to take responsibility for their own learning and to understand how they learn best. Assistance with study skills, time management, problem solving and course selection will help in this process. Student Services maintains up-to-date information on school to work transition, apprenticeship, colleges, universities and scholarship opportunities.

### Interpersonal Development

Interacting positively with others in a variety of situations both within and beyond the school is an important part of student development. Counsellors act as a liaison on behalf of students offering assistance and support with peers, teachers, parents and when necessary community agencies.

### Career Development

Students are strongly encouraged to begin career exploration as soon as possible so that they will be informed and able to make appropriate choices. The Student Services Department provides classroom presentations, interest inventories, and career information sessions in the computer lab and maintains a wide variety of print materials for student use.

## Exceptional Pupils

Bishop Allen Academy is committed to the implementation of an inclusive model of educational service delivery incorporating the resources of the community in a collaborative way. In a spirit of partnership with the student, parents, the classroom teacher, Student Services counsellors and the administration, IPRC recommendations are made and implemented. Program supports may include: Peer Minister or peer helper, educational assistant support, monitoring by a resource teacher for organizational skills, compensatory strategies, and self-advocacy skills. The Learning Strategies course for grade 9 students includes time management skills, planning for learning, self-advocacy, developing a personal learning profile and developing literacy and numeracy skills. Information on special education policies, programs, and a parent guide, are available by contacting Educational Services at Bishop Allen.

## Scholarship Program

Student Services at Bishop Allen has created a superior scholarship preparation program including:

- Workshops for students in grade 11 and 12
- Parent Scholarship Information Evening
- On-line sources of information
- Monthly newsletter
- Scholarship applications for students to summarize and organize their portfolios
- A cross-curricular committee that reviews applications, nominates candidates, and supports students in preparing superior applications.

## Community Involvement Hours

Community involvement activities may be completed at any time during Secondary School. These activities must take place outside the student’s normal instructional hours and may not be activities that are counted towards a credit or through paid work, or by assuming duties normally performed by a paid employee. A booklet prepared by the TCDSB outlining the regulations for volunteer work is distributed to all grade 9 students and is also available in Student Services for all students and parents along with appropriate forms. Students first obtain approval for their proposed volunteer activity through their guidance counsellor, and will maintain and provide a record of their community involvement activities. The organizations or persons supervising the activities must confirm completion of the required **40 hours**. Total hours completed are recorded in the Annual Education Plan, on the final report card of each semester and on the Ontario Student Transcript.

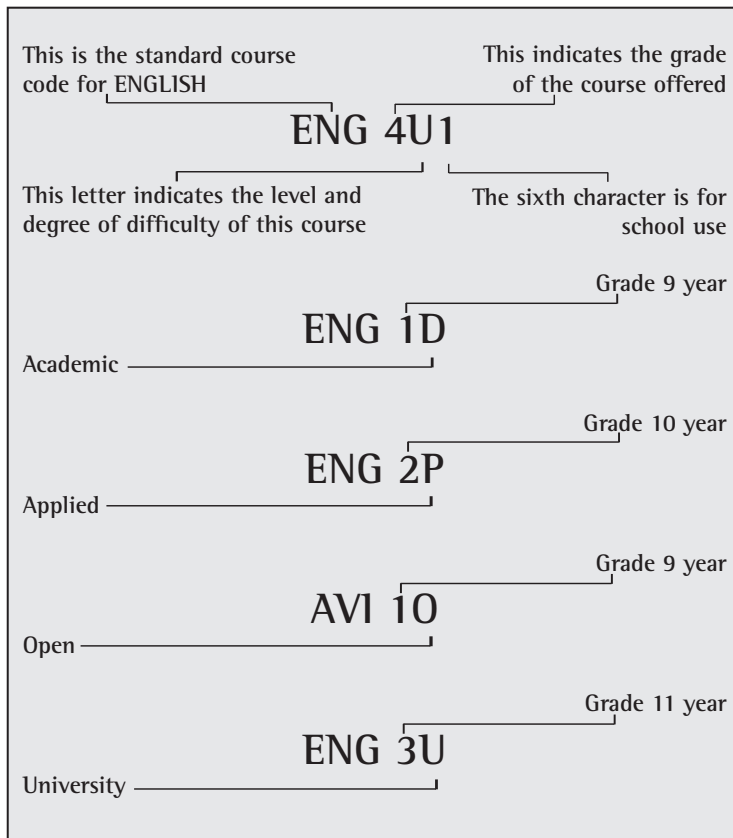
## Grade 10 Literacy Test

All students must successfully complete the Ontario Secondary School Literacy Test in order to earn a Secondary School Diploma. Students will normally take this test in Grade 10. If a student is not successful, the areas in which the student requires remediation will be identified and the School Board will provide remedial assistance to these students. Students, who are not successful may re-write the test the following year. After having two opportunities to write the test students may take OLC401, in grade 12, to satisfy this diploma requirement.

Students requiring accommodations who have an Individual Education Plan (IEP), and who may, or may not, have been formally identified as exceptional by an Identification, Placement, and Review Committee (IPRC) will be entitled to accommodations such as alternative forms of print and extra time, although the content of the test will not be altered.

Students who have been identified as exceptional may request a deferral from the Principal. Students whose IEP indicates that they are not working towards the attainment of a Secondary School Diploma may, with parental consent and approval of the Principal, be exempted from participating in the test.

## Course Coding



### Grades 9 and 10 – ACADEMIC, APPLIED AND OPEN COURSES

Academic courses present ideas and concepts emphasizing theory and abstract problems with some use of practical application. These courses are required for University and University/College courses in grades 11 and 12. Applied courses present ideas and concepts using practical applications and concrete examples. These courses lead to college and workplace courses in grades 11 and 12. Students may change streams after grade 9 without penalty, although a 30-hour non-credit course of cross-over materials can be found at [www.ilcpei.com](http://www.ilcpei.com). To change streams after grade 10 a student must take a transfer credit course. Open courses are suitable for all students.

### PREREQUISITES/RECOMMENDED BACKGROUND

Certain courses build on knowledge and skills learned in previous courses. The calendar clearly indicates courses that require a certain prerequisite or recommended background.

### POINTS TO CONSIDER WHEN SELECTING SUBJECTS

In choosing courses, you should consider your future aims, your plans after high school, and the requirements for entry into post-secondary educational institutions, etc.

You are responsible for making wise choices. Ask yourself the following questions:

- Have I included all the courses that are compulsory at my grade level? Have I included any compulsory credits that I have previously failed?
- Do I understand the content of each course?
- Do I have the prerequisite?
- Have I carefully considered all the courses available - especially those at my grade level?
- Are my choices realistic: Do they reflect my level of achievement? My potential?
- Have I considered my future plans?
- Have I consulted my parents? My teachers? My counsellor?

### GRADE 9 PROGRAM

Most grade nine courses are semestered. The exceptions are Religion, Mathematics, and the combination of Instrumental Music and Physical Education which run all year. Physical Education courses which are not combined with Instrumental Music are semestered courses.

### Course Load

Bishop Allen students, in grade 12, are required to enrol in a minimum of three courses in each semester. Students who enrol in fewer than three courses adversely affect a school's budget and teacher entitlement. Thus, in the intent of the common good, students at Bishop Allen are required to enrol in a minimum of three courses in a semester.

### Course Changes

Students are advised to choose their courses carefully. It is very difficult, and often impossible to change courses once scheduling has been completed. Course selections authorized by student and parent signatures are viewed as firm commitments for the entire year. Requests for changes in next year's program are normally not considered after June. Course transfers necessary because of poor progress (grade 9) or specific career plan changes (grade 12) may be considered only if space in the class permits. The deadline for course change requests for the above reasons is the end of the first week of each semester.

### Dropping a Course

Grade 11 and 12 students may drop a course after mid-term. Parental permission is required if a student is under 18 years of age. In accordance with the Ministry of Education's Policy on Full Disclosure, any course dropped more than five days after mid-term will remain as a permanent record on the student's transcript.

### PATHWAY COURSES FOR GRADES 11 AND 12

Courses in grades 11 and 12 are grouped, based on the destination or pathway the student will choose after high school. Courses are designated U-University, M-University/College, C-College, and E-Workplace. University/College courses will have an M in the course code and are generally acceptable pre-requisites for both University and College programs although there are restrictions for specific university programs.

# Diploma Requirements for Students Commencing High School in or after September 1999

## ONTARIO SECONDARY SCHOOL DIPLOMA (OSSD) COMPULSORY CREDITS (Total of 18) are:

- 4 English – one credit per grade
- 1 French as a second language
- 3 Mathematics – at least one in Grade 11 or 12
- 2 Science
- 1 Canadian History
- 1 Canadian Geography
- 1 Arts (Visual, Music, Drama or Dance)
- 1 Health and Physical Education
- 1 Civics and Career Studies
- 1 of English/Francais,  
or a third language  
or Social Science,  
or Canadian and World Studies,  
or Co-op or Guidance and Career Education
- 1 of Health and Physical Education  
or Business Studies  
or the Arts (Music, Art, Drama or Dance),  
or Co-op or Guidance and Career Education
- 1 of Grade 11 or 12 Science or Grade 9 - 12 Technology,  
or Co-op or Guidance and Career Education

ELECTIVE COURSES – Total of 12

### ADDITIONAL REQUIREMENTS

- 40 hours of Community Service
- Successful completion of the Literacy Requirement

## THE ONTARIO SECONDARY SCHOOL CERTIFICATE

is granted to students who leave school before earning the Ontario Secondary School Diploma, provided they have earned the following credits:

### COMPULSORY CREDITS (total of 7)

- 2 English
- 1 Canadian Geography or Canadian History
- 1 Mathematics
- 1 Science
- 1 Health and Physical Education
- 1 Arts or Technological Education

AND OPTIONAL CREDITS – Total of 7

7 credits selected by the student from available courses

NOTE: In certain circumstances, the Principal may grant an exemption to a compulsory credit. If the student is under 18, parental permission is required.

### CERTIFICATE OF ACCOMPLISHMENT

Students who leave school before fulfilling the requirements for the Ontario Secondary School Diploma or the Ontario Secondary School Certificate may be granted a Certificate of Accomplishment.

### THE FRENCH IMMERSION/EXTENDED FRENCH CERTIFICATE

For full requirements please see page 5.

### THE ADVANCED PLACEMENT INTERNATIONAL DIPLOMA

(APID) For full requirements please see page 6.

## Ontario Student Transcript – OST

A student's record of completed courses and required graduation diploma credits is recorded on the Ontario Student Transcript.

## Music Certificates for Diploma Credit

Satisfactory standing in Grade VIII Practical and Grade II Rudiments examinations taken at Royal Conservatory of Music, Toronto, are recognized by Ministry of Education as one Senior Grade 11 credit. Satisfactory completion of Grade IX Practical and Grade III Harmony examinations at the Royal Conservatory of Music are the equivalent of one Grade 12 credit. Students holding the above qualifications should bring their official conservatory transcripts to the Student Services office so these credits can be applied to their transcript.

## Alternative Ways of Earning Credits

The Independent Learning Centre (ILC) offers credit courses. A limited number of students may enrol for these courses, under specific guidelines outlined by the School Board.

## Prior Learning Assessment and Recognition (PLAR)

Prior Learning includes the knowledge and skills that students have acquired outside secondary school. Students may be evaluated against the expectations outlined in provincial policy documents in order to earn up to 4 credits towards the Secondary School Diploma. PLAR procedures are carried out under the direction of the Principal who grants credits.

## Student Evaluation

Each semester, student achievement is evaluated by continuous and final assessment. Evaluation procedures will be consistent with the expectations and outcomes of each course. On-going assessment focuses on in-class work, daily assignments, tests, projects, seminars and essays. Satisfactory attendance is essential for successful completion of each course studied. Final examinations for all students are held at the end of each semester. Medical certificates are required from students who miss exams due to illness.

## Student Responsibilities and Attendance

It is the responsibility of the student to be aware of, and to abide by, the code of conduct of the school as described in the student handbook. It is the responsibility of parents who choose to send students to Bishop Allen Academy to understand and accept this philosophy and these regulations as well as to actively support them. Attendance at class is compulsory, except in the case of illness. Absences should be in accordance with school procedures and with the prior knowledge of school officials. Students skipping class are liable to sanctions. Credits can be lost in the case of frequent absence other than for medical reasons. Punctuality at all classes is expected. It is a mark of respect for oneself and one's fellows.

## Exit Programs

For students leaving school prior to graduation or for those students graduating, but planning to enter the work force directly, as well as those who would like to delay post-secondary education, access is available to services offered by community agencies to support students in their search for employment and training. Contact Student Services for more information.

# Specialty Programs at Bishop Allen

## French Immersion/Extended Program

Bishop Allen offers three different French Programs. In addition to the core French Program offered in all high schools, we have both Extended French and Immersion French.

The Extended French Program is designed for students who entered a late Immersion program in Grade 5.

The Immersion Program is designed for students who entered an early Immersion program in either Kindergarten or Grade 1. Bishop Allen is the Early Immersion Centre for all students west of Yonge Street in the TCDSB.

Both the Extended and Immersion French Programs require students to complete 10 credits in the French language as part of their Ontario Secondary School Diploma (OSSD). Students who meet these requirements will receive a Certificate of Proficiency from the Toronto Catholic District School Board.

### The Benefits of the program are:

- Ability to communicate effectively in both oral and written French
- Increased opportunity for future study and scholarship
- Enhanced employability at home and abroad due to ability to function fluently in a French-speaking community or work environment
- Greater understanding and appreciation of francophone culture in Canada and around the world
- Development of a real sense of appreciation of Canada's cultural diversity based on personal experience, such as the annual excursion to St. Donat, Quebec
- Exposure to an international perspective in an increasingly globalized society
- Development of a sense of accomplishment and pride in having been challenged to master Canada's other Official Language
- Achievement of the Extended or Immersion Bilingual Certificate from the Toronto Catholic District School Board

### The Accomplishments speak for themselves as the program produces:

- Many university scholarship recipients annually
- Active participants in student exchange programs - provincially and internationally
- Annual winners at Regional and Provincial French Young Writers' Competitions
- Prominent participants and organizers of the "French for the Future" national conference
- Annual winners at Regional French Public Speaking Contests
- Excellent results on French Advanced Placement exams

Students in the Extended and Immersion programs are also preparing to write the AP exam. Grades 9 and 10 are Pre-AP preparation courses and students may write the AP French Language exam in either Grade 11 or Grade 12. The AP French Literature exam is recommended to be written in Grade 12.

### The French Immersion/Extended French Certificate

Requires 10 subjects to be taken in the French language. The opportunity to take these courses is available at Bishop Allen.

## Congregated Pre-Advanced and Advanced Placement Program

### Pre-Advanced Placement (Enriched) Program

#### - Grades 9 and 10:

- Offered in Mathematics, English, Science and Social Sciences to interested, qualified students
- Introduced in the Grade 9 year with a focus on the development of habits of mind necessary for success in later years
- Follows the Ontario curriculum but is richer in depth and breadth and allows more time for enrichment activities: contests, field trips, in-depth discussions, guest lecturers, varied activities
- Leads to the Advanced Placement course in Grades 11 or 12

### Advanced Placement (AP) Program - Grades 11 and 12:

- Students earn university credits while still in high school by preparing for and writing exams
- Successful completion of exams earns students advanced placement and/or credit in university
- Exams are recognized by universities throughout Canada, United States and Europe
- 33 courses are offered in 19 subject areas by approximately 13,000 high schools worldwide
- Exams are externally marked by the Educational Testing Service

### How does the AP program work at Bishop Allen?

- AP courses of study will be offered in university-bound Mathematics, Science, English, French and Social Sciences courses
- Students may also study independently
- Exams are written in May at Bishop Allen and marked externally
- Students may write several exams to receive AP Scholar, AP National Scholar, or AP International Diploma designation
- Over 80% of students who have written AP exams at Bishop Allen were successful

### Benefits of the AP Program:

- Students get a head start on the work they will encounter in university
- AP students are more likely to take additional university courses within the discipline of their AP coursework
- Studies have shown that AP students are more likely to maintain a high grade point average and graduate from university with honours than their university classmates of similar ability
- AP students who receive university credit or advanced placement into higher level university courses perform better than the non-AP students who have taken the introductory university courses
- Studies show that AP Calculus students with grades of 3 or better on the AP Exams outperform advanced or honours students from each of the 18 participating countries
- In the same study, AP Physics students who received an AP Exam grade of 3 or better on the AP Physics B or C exams performed as well as physics students from the top-performing nations of Norway, Sweden, and the Russian Federation

## Bishop Allen Academy Advanced Placement Diploma (APID) Requirements

APID Requirements - A total of 5 AP Exams as follows:	Recommended Preparation	AP Subjects Offered at BA (AP exams are written in Grade 12 unless otherwise stated)	Independent Exams Possible
1. <b>TWO</b> AP Exams each in a DIFFERENT LANGUAGE	Pre-AP English - Grade 9 and 10	AP English Language (Written in Grade 11) AP English Literature	AP Spanish Language AP Spanish Literature AP German Language AP Italian Language
	French Immersion/Extended French - Grade 9 and 10 <b>OR</b> 3U Core French - Grade 11	AP French Language Written in Grade 11 <b>OR</b> after 4U Core French AP French Literature	AP Chinese Language AP Japanese Language AP Russian Language (available in 2008)
2. <b>ONE</b> AP Exam designated as offering a global perspective	Pre-AP Geography - Grade 9  Pre-AP Geography-Gr. 9 Pre-AP History - Gr. 10 HRT3MP Ancient Civilizations/ World History • Mandatory for World History Exam writers	AP World History	AP Government and Politics AP Human Geography
3. <b>ONE</b> AP Exam from sciences <b>OR</b> mathematics	Pre-AP Math - Grade 9, 10 & 11	AP Calculus AB	AP Statistics AP Environmental Science
	Pre-AP Science - Grade 9 and 10 AND one or more of:		
	• Pre-AP Biology	AP Biology	
	• Pre-AP Chemistry	AP Chemistry	
4. <b>ONE</b> additional AP Exam <b>EXCEPT</b> English and/or Foreign Language exams		AP Psychology (Written in Grade 11 or 12)	AP Economics: Macro AP Economics: Micro AP Art History AP Latin Literature AP Music Theory AP Studio Art
	Pre-AP Math - Grade 9, 10 & 11	AP Calculus	
	Pre-AP Science Grade 9 and 10 AND:		
	• Pre-AP Biology	AP Biology	
	• Pre-AP Chemistry	AP Chemistry	
	• Pre-AP Physics	AP Physics B	

### APID Additional Information

- AP Russian Language Exam will be available in 2008.
- A student may submit a letter from an administrator verifying the student's mastery of a language not currently available within the AP suite of exams. However, a student who utilizes this option must submit an additional AP Exam from another content area. Thus, all students, however they satisfy the two-exam English and foreign language requirement, must submit a total of five AP Exam grades of 3 or higher to qualify for the APID.
- Students who wish to write AP exams in grades other than those suggested may do so with permission.

### Honors APID Requirements

An Honors APID will be available to students who meet the two following criteria:

- Achieve an average of 3.5 on their five AP Exam grades
- Submit an acceptable essay of 1,000-1,500 words on an aspect of world citizenship, global awareness or intercultural understanding. Essay topics will be developed annually by a College Board committee and posted to the AP Central Web site (and publicized at international meetings and conferences). Essays will be evaluated according to a set of assessment rubrics devised by the committee.

## Advanced Placement Awards Requirements

Award	Requirements	AP Subjects Offered at BA	Independent Exams Possible
AP National Scholar	<ul style="list-style-type: none"> <li>• Any 5 AP Exams</li> <li>• Grades of 4 or higher on 5 AP Exams</li> </ul>	AP English Language AP French Language AP Eng Literature AP French Literature AP World History AP Calculus AB AP Biology AP Chemistry AP Physics B AP Psychology	AP Spanish Language AP Spanish Literature AP German Language AP Human Geography AP Italian Language AP Government and Politics AP Statistics AP Environmental Science AP Economics: Macro AP Economics: Micro AP European History AP Art History AP Latin Literature AP Music Theory AP Studio Art AP Chinese Language and AP Japanese Language AP Russian Language (available in 2008)
AP Scholar with Distinction	<ul style="list-style-type: none"> <li>• Any 5 AP Exams</li> <li>• Average grade 3.5</li> <li>• Grade 3 or higher on 5 AP Exams</li> </ul>		
AP Scholar with Honor	<ul style="list-style-type: none"> <li>• Any 4 AP Exams</li> <li>• Average grade 3.25</li> <li>• Grade 3 or higher on 4 AP Exams</li> </ul>		
AP Scholar	<ul style="list-style-type: none"> <li>• Any 3 AP Exams</li> <li>• Grade 3 or higher on 3 AP Exams</li> </ul>		

### The Advanced Placement International Diploma (APID)

The Advanced Placement International Diploma (APID) is a globally recognized certificate for students with an international outlook. The APID challenges a student to display exceptional achievement on AP Exams across several disciplines. Universities worldwide utilize the APID in admissions.

By May 2006, to earn an APID a student must earn grades of 3 or higher on at least five AP Exams in the following content areas:

**1. Two AP Exams from two different languages selected from English and foreign languages:**

AP English Language & Composition, AP English Literature & Composition, AP French Language, AP French Literature, AP German Language, AP Spanish Language, AP Spanish Literature, AP Italian Language & Culture, AP Chinese Language & Culture, AP Japanese Language & Culture, Russian Language & Culture

**2. One AP Exam designated as offering a global perspective:**

AP World History, AP Human Geography, AP Government & Politics: Comparative

**3. One exam from the sciences or mathematics content areas:**

AP Calculus AB, AP Calculus BC, AP Biology, AP Chemistry, AP Physics

**4. One (or two) additional exam(s) from among any content areas except English and foreign languages. These include the content areas already described as well as history, social sciences and arts:**

AP European History, AP Psychology, AP World History, AP Human Geography, AP Government & Politics: Comparative, AP Art History, AP Latin Literature, AP Latin: Vergil, AP Music Theory, AP Studio Art: Drawing, AP Studio Art: 2-D Design, AP Studio Art: 3-D Design

#### Honors

An Honors APID will be available to students who meet the two following criteria:

- Achieve an average of 3.5 on their five AP Exam grades.
- Submit an acceptable essay of 1,000-1,500 words on an aspect of world citizenship, global awareness, or intercultural understanding. Essay topics will be developed annually by a College Board committee and posted to the AP Central Web site (and publicized as well at international meetings and conferences). Essays will be evaluated according to a set of assessment rubrics devised by the committee.

### Enriched/Gifted Program

At Bishop Allen Academy, the philosophy of the Gifted Program is embodied in the acronym SAGE:

- |                   |  |
|-------------------|--|
| <b>Service</b>    | <i>To find real problems and solutions in the school and community</i>                     |
| <b>Awareness</b>  | <i>To develop awareness, understanding and acceptance of oneself and others</i>            |
| <b>Giftedness</b> | <i>To nurture intellectual, social and emotional gifts</i>                                 |
| <b>Experience</b> | <i>To work in stimulating and supportive environments<br/>To develop leadership skills</i> |

#### Model of Delivery

The Gifted Program is a co-curricular program of events and activities created primarily for IPRC'd gifted students. Students are provided with a menu of available activities and experiences that run almost every day. From these, students select activities that interest them and that would be enriching for them.

Each month, students in the SAGE Program are called to a meeting where they learn about exciting upcoming events and are invited to participate. Guest speakers are often invited to these meetings to present students with new ideas and opportunities. Student speakers are also on hand to speak about their involvement in activities and to encourage the participation of their peers. Students are also invited to a one-on-one meeting with the gifted facilitator to establish their interests and goals. They are encouraged to make appointments at any time to work on entrance applications for programs with limited enrolment, to prepare scholarship applications, to develop new initiatives and to discuss any other interests or concerns.

#### Enrichment Opportunities for Gifted and Highly Motivated Students

Activities available to students vary from year to year depending on availability and on student interest. Examples of some of these activities are:

##### Scholarship Preparation:

- Workshops beginning in Grade 9 to develop secondary school portfolios
- Preparation of scholarship applications

##### University day trips:

- University of Toronto Secondary Gifted Conference "Challenges in the New Millennium"
- University of Waterloo "Women in Math Day"

- University of Guelph “Interaction”

**One day and overnight field trips:**

- The Royal Ontario Museum lab and/or workshop
- Live theatre productions and workshops such as those offered by the Canadian Stage Company
- World Affairs Conference
- Canadian Club Luncheon at the Royal York Hotel
- Queen’s University mini-enrichment week
- McGill University Model UN
- Exposure to Encounters with Canada enrichment weeks in Ottawa

**Ongoing enrichment activities:**

- Model UN debating (approximately 3 each year)
- Destination Imagination - an international creative thinking challenge
- Exposure to U of T Mentorship Program
- Ontario Science Centre School (one semester)
- U of T daVinci Engineering Program
- Writing Contests
- Math and Science Contests

**Volunteer opportunities:**

- Student-run Blood Donor Clinics
- Peer Tutoring in the Peer Tutoring Centre

- Opportunities through Make-a-Wish Foundation

**Leadership opportunities:**

- Duke of Edinburgh Award Program
- Ontario Leadership Workshop/Seminar (COLS/COLWO)
- Student-run city-wide public speaking contests
- Workshop leaders at OISE/UT gifted conference “Journey of Discovery”
- Student-led cancer hair-cutting initiative “Locks of Hope”
- Chair opportunities at the Catholic Secondary School United Nations Assembly (CSUNA)
- School Ambassador opportunities

**Exposure to Exciting Summer Programs:**

- Deep River Science Academy
- Shad Valley
- Foreign exchange programs
- Outward Bound
- U of T daVinci Engineering Program
- Queen’s University Quasar Camp
- Scouts Extreme Adventures

New activities are added every year, based on student interest and ingenuity.

## Co-Curricular Program

The secret of a successful high school education lies in the students’ ability to combine the academic curriculum with co-curricular interests. The staff at Bishop Allen offers a wide selection of after-school activities. Students are encouraged to take advantage of these clubs, teams and other opportunities. This involvement will produce lasting memories of high school and is a critical component of many scholarship portfolios.

### Spiritual Life and Community Service

- Advent Ceremonies
- Social Action Events
- Lenten Projects
- Liturgies
- Prayer
- Reconciliation
- Retreats
- Students’ Chaplaincy Team (ACT)

### Leadership Development

- Student Council
- Duke of Edinburgh Award Program
- Camp Olympia
- Bishop Allen Student Leadership Organization (BASLO)
- Catholic Student Leadership Impact Team
- Grade Nine Orientation Camp at Muskoka Woods
- Ontario Catholic Student Council Federation (OCSCF)
- Empowered Student Partnerships (ESP)

### Athletics

- Badminton
- Baseball
- Basketball
- Cross-country
- Cheerleading
- Golf
- Hockey
- Skiing/Snowboarding
- Soccer
- Softball

- Swimming
- Tennis
- Track and Field
- Volleyball
- Intramurals
- Athletic Banquet
- Athletic Council
- Winter Activity Day

## Creative Activities

### Arts – Drama

- Annual School Play
- Stage Crew
- Improv Team
- Drama Club

### Music

- Music Council
- Concert Band
- Stage Band
- Orchestra
- Choir

### Literary

- Newspaper - “Freshly Pressed”
- Yearbook
- Writer’s Club
- Festival of the Word

### Clubs

- Anime Club
- Black Heritage Collective
- Computer Club
- Debating Club
- Dragon Boat Team
- Film Club
- Guitar Club
- Library Club
- Outdoors Club
- S.C.O.P.E. (Students Concerned about Oppressed People and the Environment)
- Student Gov’t Grade Reps

### Other Activities

- Dances
- Mock trial teams
- Spirit weeks
- Wake-a-thon
- Weight Room
- Prom Committee
- Carnival
- Public Speaking Contests
- Math and Science Contests
- Open Door Dinner
- Festival of Hope

## Dramatic Arts

### ADA101 – Dramatic Arts, Grade 9, Open – 1 Credit

This course emphasizes the active and enjoyable 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. Students also attend a variety of theatre performances.

### ADA201 – Dramatic Arts, Grade 10, Open – 1 Credit

This course requires students to actively explore dramatic forms and techniques, using their own ideas and concerns as well as sources selected from a wide range of authors, genres, and cultures. Student learning will include identifying and using the principles of space, time, voice, and movement in creating, sustaining, and communicating authentic roles within a drama. Students will assume responsibility for decisions made in the creation and presentation of the drama, and will analyse and reflect on the experience. Students also attend a variety of theatre performances.

### ADA3M1 – Dramatic Arts, Grade 11, University/College Preparation – 1 Credit

This course requires students to put together and perform dramatic presentations that deal with a variety of issues from the past and present. Students will analyse, interpret, and perform works of drama from various cultures, including Western plays from around 1900. Students will also do research on different acting styles and conventions for their presentations, create original works, and analyse the functions of playwright, director, actor, technician, and audience. Ministry Pre-requisite – Grade 9 and/or 10 Dramatic Arts

### ADA4M1 – Dramatic Arts, Grade 12, University/College Preparation – 1 Credit

This course requires students to experiment with forms and conventions in dramatic literature, and to create, script, and present original and adapted works. Students will do research on dramatic forms, conventions, themes, and theories of acting and directing from different historical periods, and apply their knowledge of these in interpreting dramatic literature, including Canadian works and works from various cultures in the late twentieth century. Students will also examine the significance of dramatic arts in various cultures. Ministry Pre-requisite – Grade 11, Dramatic Arts, University/College

## Music – Band

### AMI101 – Band-Experienced, Grade 9, Open – 1 Credit

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. Students will be given the opportunity to play in the Band/Orchestra and will be expected to attend rehearsals, concerts, and festivals. Suggested Pre-requisite – This course is recommended to students with elementary band experience.

### AMI102 – Band-Beginner, Grade 9, Open – 1 Credit

This course is directed to students who have had minimal or no experience with a band instrument (woodwinds, brass, and percussion). This course emphasizes the performance of music at a beginning 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.

### AMI201 – Band, Grade 10, Open – 1 Credit

This course emphasizes performance of music at an intermediate level that strikes a balance between challenge and skill. Student learning will include participating in creative activities and listening perceptively to develop a thorough understanding of the language of music, including the elements, terminology, and history. Suggested Pre-requisite – Grade 9 Band

### AMI3M1 – Band, Grade 11, University/College Preparation – 1 Credit

This course emphasizes the appreciation, analysis, and performance of various kinds of music, including baroque and classical music, popular music, and Canadian and non-Western music. Students will perform technical exercises and appropriate repertoire, complete detailed creative activities, and analyse and evaluate live and recorded performances. They will continue to increase their understanding of the elements of music while developing their technical and imaginative abilities. Ministry Pre-requisite – Grade 9 or 10 Band

### AMI4M1 – Band, Grade 12, University/College Preparation – 1 Credit

This course emphasizes the appreciation, analysis, and performance of music from the romantic period and from the twentieth century, including jazz, popular music, art 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 in which they make use of new technologies. Ministry Pre-requisite – Grade 11 Band, University/College

## Music – Strings

### AMS101 – Strings, Grade 9, Open – 1 Credit

This course is recommended for students with at least one year of experience on violin, viola, cello, or bass. 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. Students will be given the opportunity to play in the Intermediate Orchestra and will be expected to attend rehearsals, concerts, and festivals.

### AMS201 – Strings, Grade 10, Open – 1 Credit

This course emphasizes performance of music at an intermediate level that strikes a balance between challenge and skill. Student learning will include participating in creative activities and listening perceptively to develop a thorough understanding of the language of music, including the elements, terminology, and history. Suggested Pre-requisite – Grade 9 Strings

### AMS3M1 – Strings, Grade 11, University/College Preparation – 1 Credit

This course emphasizes the appreciation, analysis, and performance of various kinds of music, including baroque and classical, popular music and Canadian and non-Western music. Students will perform technical exercises and appropriate repertoire, complete detailed creative activities, and analyse and evaluate live and recorded performances. They will continue to increase their understanding of the elements of music while developing their technical and imaginative abilities. Ministry Pre-requisite – Grade 9 or 10 Strings

# The Arts

## AMS4M1 – Strings, Grade 12, University/College

### Preparation – 1 Credit

This course emphasizes the appreciation, analysis, and performance of music from the romantic period and from the twentieth century, including jazz, popular music, art 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 in which they make use of new technologies.

Ministry pre-requisite – Grade 11 Strings

## Music – Vocal

### AMV101 – Vocal Music, Grade 9, Open – 1 Credit

This course will allow you to understand and improve your own singing voice and vocal range. 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. It includes ensemble rehearsals and performances with opportunities for solo work. Vocal students will be expected to attend rehearsals, concerts, and music festivals. No experience is necessary.

### AMV201 – Vocal Music, Grade 10, Open – 1 Credit

Music and singing are a big part of our life and culture. This course will allow you to understand and improve your own singing voice and vocal range. It includes ensemble rehearsals and performances with opportunities for solo work. The course also develops your sight singing and ear training and includes music theory and history. No experience is necessary.

### AMV3M1 – Vocal Music, Grade 11, University/College

#### Preparation – 1 Credit

This course centres on individual and group development of vocal technique and production. Various styles of music will be studied and performed, including vocal jazz. Improvisation will also be introduced. Studies in musical theory, history and keyboarding will continue at a more advanced level. Students will have the opportunity to develop their self-confidence and leadership skills in numerous ways such as leading vocal warm-ups. This is an Arts' focus course.

Ministry Pre-requisite – Grade 10 Music or Vocal Music

### AMV4M1 – Vocal Music, Grade 12, University/College

#### Preparation – 1 Credit

This course is a continuation of AMV3M1 and all skills from vocal technique to music theory will be further developed. More emphasis will be placed on solo work and improvisation. Students will be given the opportunity to experience the role of a music teacher through leading vocal warm-ups, teaching and tutoring beginning music theory and conducting.

Ministry Pre-requisite – Grade 11 Vocal Music



## Visual Arts

NOTE: All Visual Arts students will be expected to purchase personal materials for the program.

### AVI101 – Visual Arts, Grade 9, Open – 1 Credit

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.

### AVI201 – Visual Arts, Grade 10, Open – 1 Credit

This course emphasizes learning through practice; building on what students know; and introducing them to new ideas, materials, and processes for artistic thinking and experimentation. Student learning will include the refined application of the elements and principles of design, incorporating the creative and design processes, and the relationship between form and content. Students will also learn about the connections between works of art and their historical contexts. Course objectives may be achieved either through a comprehensive program or through a program focused on a particular art form (e.g., drawing, painting).

### AVI3M1 – Visual Arts, Grade 11, University/College

#### Preparation – 1 Credit

This course provides students with opportunities to further develop their skills and knowledge in visual arts. Students will explore a range of subject matter through studio activities, and will consolidate their practical skills. Students will also analyse art works and study aspects of Western art history, as well as Canadian art forms from various parts of the world.

Ministry Pre-requisite – Grade 9 or 10 Visual Arts

### AVI4M1 – Visual Arts, Grade 12, University/College

#### Preparation – 1 Credit

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.

Ministry Pre-requisite – Grade 11 Visual Arts, University/College or Open

## Photography

### AWQ4M1 – Photography, Grade 12, University/College

#### Preparation – 1 Credit

This course focuses on studio/darkroom techniques that develop skills in photography and design. Students develop their skills while exploring a wide range of subject matter, including photo manipulation, studio portraiture and digital photography. Students will analyze photographs and study aspects of photo history. Students must supply their own camera and purchase their own materials. A lab fee will be charged.

# Business Studies

## Information Technology

### **BTT101 – Introduction to Information Technology in Business, Grade 9, Open – 1 Credit**

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

### **BTT201 – Introduction to Information Technology in Business, Grade 10, Open – 1 Credit**

This course is the same as the above offered for students in grade 10. Students are to take either BTT101 OR BTT201.

### **BTA301 – Information Technology Applications in Business, Grade 11, Open – 1 Credit**

This course prepares students for the digital environment. Using a hands-on-approach, students will further develop information and communication technology skills through the use of common business software applications. The concept and operation of e-business will be explored, and students will design and create an e-business website. The skills developed in this course will prepare students for success in the workplace and/or postsecondary studies.

Ministry Pre-requisite- None

### **BTX4C1 – Information Technology in Business, Grade 12, College – 1 Credit**

This course provides students with the opportunity to apply their information and communication technology skills while working in a team environment. Through a project-based approach, students will have opportunities to integrate common business software applications and apply multimedia techniques. Students will further develop their understanding of electronic business and e-commerce environments. The skills acquired in this course will prepare students for success in postsecondary studies and in their future careers.

Ministry Pre-requisite – Grade 11 (Open) Information and Communication Technology: The Digital Environment

## Accounting

### **BAF3M1 – Financial Accounting Fundamentals, Grade 11, University/College – 1 Credit**

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.

### **BAT4M1 – Financial Accounting Principles, Grade 12, University/College – 1 Credit**

This course introduces students to advanced accounting principles that will prepare them for postsecondary studies in business. Students will learn about financial statements for various forms of business ownership and how those statements are interpreted in making business decisions. This course further develops accounting methods for assets and introduces accounting for partnerships, corporations, and sources of financing.

Ministry Pre-requisite – Grade 11 Financial Accounting Fundamentals, University/College

## Entrepreneurial Studies

### **BDI3C1 – Entrepreneurship: The Venture Grade 11, College Preparation – 1 Credit**

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.

### **BDV4C1 – Entrepreneurship: Venture Planning in an Electronic Age, Grade 12, College Preparation – 1 Credit**

This course provides students with the opportunity to develop and apply entrepreneurial skills through the creation of a venture plan that capitalizes on the potential of e-commerce. Students will research and identify an opportunity for a venture. They will then complete the components of a venture plan that includes a website.

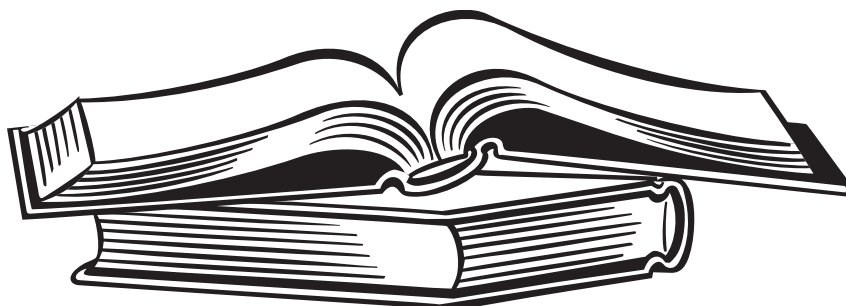
Ministry Pre-requisite- None

## Organizational Studies

### **BOH4M1 – Management Fundamentals, Grade 12, University/College Preparation – 1 Credit**

This course focuses on the development of leadership skills used in managing a successful business. Students will analyze the role of a leader in business with a focus on decision making, management of group dynamics, workplace stress and conflict motivation of employees, and planning. Effective business communication skills, ethics and social responsibility will be emphasized throughout the course.

Ministry Pre-requisite – Any university, university/college, or college preparation course in business studies, English or Canadian and world studies.



# Canadian and World Studies

## Civics

### CHV203 – Civics, Grade 10, Open – ½ Credit

This course explores what it means to be an informed, participating citizen in democratic society. Students will learn about the elements of democracy and the meaning of democratic citizenship in local, national, and global contexts. In addition, students will learn about social change, examine decision-making processes in Canada, explore their own and others' beliefs and perspectives on civics questions, and learn how to think and act critically and creatively.

## Economics

### CIE3M1 – The Individual and the Economy, Grade 11, University/College Preparation – 1 Credit

This course explores elements of the Canadian economic system that will help students make informed decisions about how to use resources to satisfy wants and needs. Students will use economic concepts and models, as well as methods of economic inquiry, to analyse the choices they will make during their lives as consumers, contributors, and citizens in a mixed economy.

Ministry Pre-requisite – Grade 10 History

### CIA4U1 – Analyzing Current Economic Issues, Grade 12, University Preparation – 1 Credit

This course explores the choices that individuals and societies make about the use of resources in a competitive global economy. Students will use economic concepts and models, as well as methods of economic inquiry, to analyze current economic issues and make informed economic choices based on their analysis.

Ministry Pre-requisite – Any university or university/college preparation course in Canadian and world studies, English, or social sciences and humanities

## Geography

### CGC1D1 – Geography of Canada, Grade 9, Academic – 1 Credit

This course uses a variety of frameworks, including ecozones and principles of physical, human and economic geography, to explore the distinct and evolving character of Canada's geography. Students will investigate the interconnections between the environment and human activities in Canadian ecozones in order to understand Canada's diversity and role in the world.

### CGC1DP – Geography of Canada, Grade 9, Pre-AP – 1 Credit

This course uses the basic content offered in grade 9 academic geography, but issues are explored in greater depth with more opportunities for individual study.

### CGC1P1 – Geography of Canada, Grade 9, Applied – 1 Credit

This course draws upon students' everyday experiences and uses a variety of frameworks, including ecozones, to help students learn about the geography of Canada and the country's place in the global community. Students will investigate the interconnections among the country's landforms, climate, soils, plants, animals, and human activities in order to understand Canada's physical character and diversity, and various kinds of interactions.

### CGF3M1 – Physical Geography: Patterns, Processes, and Interactions, Grade 11,

### University/College Preparation – 1 Credit

This course examines the main elements of the physical environment (climate, soils, landforms, oceans, vegetation), the processes that shape them, and between environment and human beings. Students will apply a wide range of geographic tools and methods to explore the distribution and ongoing evolution of the elements of the physical environment on a variety of scales, from local to global.

Ministry Pre-requisite – Grade 9 Geography, Academic or Applied

### CGW4U1 – Canadian and World Issues: A Geographic Analysis, Grade 12, University Preparation – 1 Credit

This course draws on geographic concepts, skills, methods, and technologies to analyse significant issues facing Canadians as citizens of an interdependent world. Students will examine the challenges of creating a sustainable and equitable future through the study of a range of topics, including economic interdependence; geopolitical conflict; regional disparities in the ability to meet basic human needs; and protection of the planet's life-support systems.

Ministry Pre-requisite – Any university or university/college preparation course in Canadian and world studies, English, or social sciences and humanities.

### CGU4UP – World Geography: Human Patterns and Interactions, Grade 12, University Preparation – 1 Credit

This course examines how cultures in different parts of the world interact with their environments and with each other. Students will use geographic concepts, methods, and tools to explore settlement patterns, human migration, cultural change, globalization, environmental issues, and other topics relevant to an understanding of how spatial, political, economic, and social factors affect settled environments and human activities. Students taking this course will be eligible to write the advanced placement "Human Geography" exam in May of their senior year.

Ministry Pre-requisite – Any university or university/college preparation course in Canadian and world studies, English, or social sciences and humanities.

### CGU4U1 – World Geography: Human Patterns and Interactions, Grade 12, University Preparation – 1 Credit

This course examines how cultures in different parts of the world interact with their environments and with each other. Students will use geographic concepts, methods, and tools to explore settlement patterns, human migration, cultural change, globalization, environmental issues, and other topics relevant to an understanding of how spatial, political, economic, and social factors affect settled environments and human activities.

Ministry Pre-requisite – Any university or university/college preparation course in Canadian and world studies, English, or social sciences and humanities.

### CGU4C1 – World Geography: Urban Patterns and Interactions, Grade 12, College Preparation – 1 Credit

This course examines cities around the world and the social, economic, and physical factors that shape them. Students will use geographic concepts, methods, and tools to examine such topics as urban structures and systems, spatial interactions, environmental impacts, rural-urban migration, cultural interactions, and urban problems.

Ministry Pre-requisite – Any university or university/college preparation course in Canadian and world studies, English, or social sciences and humanities.

# Canadian and World Studies

## History

### **CHC2D1 – Canadian History in the Twentieth Century, Grade 10, Academic – 1 Credit**

This course explores Canadian participation in global events and traces our development as a country through changes in population, economy, and technology. Students will analyse the elements that constitute Canadian identity, learn the stories of both individuals and communities, and study the evolution of political and social structures. Students will learn about differing interpretations of the past, and will come to understand the importance in historical studies of chronology and cause-and-effect relationships. They will also learn to develop and support a thesis, conduct research and analysis, and effectively communicate the results of their inquiries.

### **CHC2DP – Canadian History in the Twentieth Century, Grade 10, Pre-AP – 1 Credit**

The content in this enriched course is similar to CHC2D1 but issues are explored in greater depth with more opportunities for individual study.

### **CHC2P1 – Canadian History in the Twentieth Century, Grade 10, Applied – 1 Credit**

This course traces Canadian history from Wilfrid Laurier's pronouncement that the twentieth century belongs to Canada to the United Nations' recognition of Canada as one of the best countries in which to live. Students will learn about various expressions of Canadian identity, the stories of individuals and communities, and changes in political and social structures. Students will discover the importance in historical studies of chronology and cause and-effect relationships. As well, they will be given opportunities to formulate appropriate questions, develop informed opinions, and present information in a variety of ways.

### **CHW3M1 – World History to the Sixteenth Century, Grade 11, University/College Preparation – 1 Credit**

This course investigates the history of humanity from earliest times to the sixteenth century. Students will analyse diverse societies from around the world, with particular regard to the political, cultural, and economic structures and historical forces that form the foundation of the modern world. They will examine the influence of selected individuals and groups, as well as of particular innovations, and will develop skills of historical inquiry, organization, analysis, and communication.  
Ministry Pre-requisite –Grade 10 History, Academic or Applied

### **CHY4U1 – World History: The West and the World, Grade 12, University – 1 Credit**

This course investigates the major trends in Western civilization and world history from the sixteenth century to the present. Students will learn about the interaction between the emerging West and other regions of the world and about the development of modern social, political, and economic systems. The skills and knowledge developed in this course will enable the student to understand and appreciate both the character of historical change and the historical roots of contemporary issues.  
Ministry Pre-requisite – Any university or university/college preparation course in Canadian and world studies, English, or social sciences and humanities.

### **CHY4UP-World History: The West and the World, Grade 12, University – 1 Credit**

This course investigates the major trends in Western civilization and world history from the sixteenth century to the present. Students will learn about the interaction between the emerging West and other regions of the world and about the development of modern social, political, and economic systems. The skills and knowledge developed in this course will enable the student to understand and appreciate

both the character of historical change and the historical roots of contemporary issues. Students taking this course will be eligible to write the "World History" advanced Placement in May.

Grade 11 students intending to take the CHY4MP-AP exam, should take HRT3MP as a pre-requisite to this course.

### **CHY4C1 – World History: The West and the World, Grade 12, College – 1 Credit**

This course explores the history of the world since the sixteenth century, emphasizing the interaction between the emerging West and other regions of the world. Students will learn about a variety of economic, social, and political systems and the changes they have undergone over time. Students will acquire sound skills of historical inquiry and will develop an appreciation of the forces that have formed out modern world.

Ministry Pre-requisite – Any university, university/college, or college preparation course in Canadian and world studies, English, or social sciences and humanities.

## Law

### **CLU3M1 – Understanding Canadian Law, Grade 11, University/College Preparation – 1 Credit**

This course explores legal issues that directly affect students' lives. Students will acquire a practical knowledge of Canada's legal system and learn how to analyse legal issues. They will also be given opportunities to develop informed opinions on legal issues and to defend those opinions and communicate legal knowledge in a variety of ways and settings, including legal research projects, mock trials, and debates.

Ministry Pre-requisite – Grade 10 History, Academic or Applied

### **CLN4U1 – Canadian and International Law, Grade 12, University – 1 Credit**

This course explores elements of Canadian law and the role of law in social, political, and global contexts. Students will learn about the connections between the historical and philosophical sources of law and issues in contemporary society. They will also learn to analyze legal issues, conduct independent research, and communicate the results of their inquiries in a variety of ways.

Ministry Pre-requisite – Any university or university/college preparation course in Canadian and world studies, English, or social sciences and humanities.





# Cooperative Education

## What is Cooperative Education?

Cooperative Education is a program that integrates classroom theory with practical experience in the workplace. Students will earn credits by working daily for two or three periods. This course may be selected by students in grades 11, and 12.

## Why Take Co-op Education?

- Gain valuable work experience.
- Explore tentative career choices.
- Improve qualifications for future employment.
- Use equipment not available in the school and experience employment related-situations.
- Prepare for the transition from school to work or post-secondary education.
- Strengthen employment skills through on-the-job training.
- Earn secondary school credits while gaining practical experience.

## Who May Take Co-op Courses?

To be eligible to participate in a Cooperative Education course, the student must:

- complete the application form and obtain parental permission to participate in this program
- take their related course concurrently with the cooperative education course or have successfully completed the related course before being placed in the cooperative education course
- be interviewed by a teacher involved in the program to determine the suitability, (i.e. maturity, motivation, responsibility, previous attendance record) and commitment to the program
- obtain recommendations from teachers

## SBCOOP

### Two Credits or Three Credits Subject Related Co-op Course

Students work in placements closely associated with the contents and skills of an in-school related subject. There is an in-school component that prepares students for the work placement and provides an opportunity for integration and reflection activities. The work experience component will enable students to incorporate the course objectives of the in-school subject into the work placement, improve employability skills, and explore education and career paths.

#### Two Credit Co-op Timetable

Period 1 - Regular Course  
Period 2 - Regular Course  
Period 3 - Subject Related Co-op  
Period 4 - Subject Related Co-op

#### Three Credit Co-op Timetable

Period 1 - Regular Course  
Period 2 - Subject Related Co-op  
Period 3 - Subject Related Co-op  
Period 4 - Subject Related Co-op

## Apprenticeship Opportunities – OYAP – 4 Credits

A four-credit package is also available through the cooperative education mode of delivery and is offered during the second semester of the school year. Students have an opportunity to enroll in Ontario Youth Apprenticeship Programs (OYAP) and begin their training in a skilled profession.

Accelerated OYAP programs for Grade 12 students) exist in:

- Automotive Service (for Grades 11 & 12 students) or Truck and Coach Technician
- Child & Youth Worker
- Cook
- Drywall
- Early Childhood Educator
- Electrician
- General Carpenter
- Hairstylist and cosmetologist
- Landscaper
- Plumbing
- Residential Air Conditioning

Once accepted into the Cooperative Education program, students must apply for the OYAP program of their choice. Written applications will be followed by an interview with representatives from the skilled profession. For additional information on the Accelerated OYAP programs, please go to: [www.oyaptcdsb.com](http://www.oyaptcdsb.com).

# Guidance and Career Education

## GLC203 – Career Studies, Grade 10, Open – ½ Credit

This course teaches students how to develop and achieve personal goals for future learning, work, and community involvement. Student learning 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 post-secondary 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.

## GPP301 – Leadership and Peer Support, Grade 11, Open – 1 Credit

This course prepares students to act in leadership and peer support roles. They will design and implement a plan for contributing to their school and/or community; develop skills in communication, interpersonal relations, teamwork, and conflict management; and

apply those skills in leadership and/or peer support roles—for example as a student council member or a peer tutor. Students will examine group dynamics and learn the value of diversity within groups and communities.

## GLN401 – Navigating the Workplace, Grade 12, Open – 1 Credit

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

## **ENG1D1 – English, Grade 9, Academic – 1 Credit**

This course emphasizes the analytical reading, writing, oral communication, and thinking skills that students need for success in secondary school academic programs and their daily lives. Students will study and interpret texts from contemporary and historical periods, including short stories, poems, and short essays, and will investigate and create media works. An important focus will be the correct and effective use of spoken and written language.

## **ENG1DP – English, Grade 9, Pre-AP – 1 Credit**

Students taking grade 9 Enriched English follow the academic level program with opportunities for enrichment. *Students who take this course will have summer reading assigned.*

## **ENG1P1 – English, Grade 9, Applied – 1 Credit**

This course emphasizes key reading, writing, oral communication, and thinking skills that students need for success in secondary school and their daily lives. Students will study plays, short stories, newspaper and magazine articles, and they will describe and create media works. An important focus will be the correct use of spoken and written language.

## **ENG 1L1- English, Grade 9, Locally Developed Compulsory- 1 Credit**

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

## **ENG2D1 – English, Grade 10, Academic – 1 Credit**

This course extends the range of analytic, reading, writing, oral communication, and thinking skills that students need for success in secondary school academic programs. Students will study and interpret challenging texts from contemporary and historical periods, including novels, poems, plays, and opinion pieces, and will analyse and create effective media works. An important focus will be the thoughtful use of spoken and written language.

Ministry Pre-requisite – Grade 9 English, Academic or Applied – (crossover materials)

## **ENG2DP– English, Grade 10, Pre-AP – 1 Credit**

Students taking grade 10 Enriched English follow the academic level program with opportunities for enrichment. *Students who take this course will have summer reading assigned.*

Ministry Pre-requisite – Grade 9 English, Academic

## **ENG2P1 – English, Grade 10, Applied – 1 Credit**

This course extends the range of key reading, writing, oral communication, and thinking skills that students need for success in all areas of the curriculum. Students will study novels, poems, magazines, and reports, and will describe, design, and produce effective media works. An important focus will be the clear and coherent use of spoken and written language.

Ministry Pre-requisite – Grade 9 English, Academic or Applied

## **ENG2L1- English, Grade 10, Locally Developed Compulsory- 1 Credit**

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

Ministry Pre-requisite – A Grade 9 English credit

## **ENG3U1 – English, Grade 11, University Preparation – 1 Credit**

This course emphasizes the development of literacy, critical thinking, and communication skills. Students will analyse challenging texts, both contemporary and historical; conduct research and analyse the information gathered; write persuasive and literary essays; and analyse the relationship among media forms, audiences, and media industry practices. An important focus will be on understanding the development of the English language. Compulsory Course.

Ministry Pre-requisite – Grade 10 English, Academic

## **ENG3UP – English, Grade 11, AP – 1 Credit**

Students taking grade 11 Enriched English follow the university level program with opportunities for enrichment. They will write the Advanced Placement “Language and Composition” exam in May. *Students selecting this course will have summer reading assigned.*

Ministry Pre-requisite – Grade 10 English, Academic

## **ENG3C1 – English, Grade 11, College Preparation – 1 Credit**

This course emphasizes the development of literacy, critical thinking, and communication skills. Students will study the content, form, and style of informational texts and literary works from Canada and other countries write reports, correspondence, and persuasive essays; and analyse media forms, audiences, and media industry practices. An important focus will be on establishing appropriate voice and using business and technical language with precision and clarity. Compulsory course.

Ministry Pre-requisite – Grade 10 English, Applied

## **ENG3E1 – English, Grade 11, Workplace Preparation**

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.

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

## **EMS3O1 – Media Studies, Grade 11, Open – 1 Credit**

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, 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.

Ministry Pre-requisite – Grade 10 English, Academic or Applied

# English

## **ENG4U1 – English, Grade 12, University Preparation – 1 Credit**

This course emphasizes consolidation of literacy, critical thinking, and communication skills. Students will analyze a range of challenging texts from various time periods, countries, and cultures; write analytical and argumentative essays and a major paper for an independent literary research project, and apply key concepts to analyse media works. An important focus will be on understanding academic language and using it coherently and confidently in discussion and argument. This is a compulsory course.

Ministry Pre-requisite–Grade 11 English, University

## **ENG 4UP – English Grade 12, AP – 1 Credit**

Students taking grade 12 Enriched English will follow the university level program with opportunities for enrichment. They will write the Advanced Placement “Literature and Language Exam” in May. Students selecting this course will complete the summer reading assigned.

Ministry Pre-requisite–grade 11 English, University

## **ENG4C1 – English, Grade 12, College Preparation – 1 Credit**

This course emphasizes consolidation of literacy, critical thinking, and communication skills. Students will analyse informational texts and literary works from various time periods, countries, and cultures; write research reports, summaries, and short analytical essays; complete an independent study project; and analyse the interactions among media forms, audiences, and media industry practices. An important focus will be on establishing appropriate style and using business and technical language effectively. Compulsory course.

Ministry Pre-requisite – Grade 11 English, College

## **ENG4E– English, Grade 12, 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 analyze informational, graphic, and literary texts and create oral, written, and media texts in a variety of forms for workplace-related and practical purposes. An important focus will be on using language accurately and organizing ideas and information coherently. The course is intended to prepare students for the workplace and active citizenship.

Prerequisite: English, Grade 11, Workplace Preparation

## **OLC40 – Ontario Secondary School Literacy Course, Grade 12, Open**

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.

# French

## **Core French**

### **FSF1D1 – Core French, Grade 9, Academic – 1 Credit**

This course emphasizes the further development of oral communication, reading and writing skills. Students will build on and apply their knowledge of French while exploring a variety of themes, such as relationships, trends, and careers. Thematic readings, which include a selection of short stories, articles, and poems, will serve as stepping stones to oral and written activities.

Students will also maintain and manage a literacy portfolio containing a record of their reading experiences and samples of their writing.

**Eligibility requirement:** Students who have been eligible to write the OSSLT at least twice and who have been unsuccessful at least once are eligible to take the course.

### **ETS4U1 – Studies in Literature, Grade 12, University Preparation – 1 Credit**

This course is for students with a special interest in literature and literary criticism. This 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.

Ministry Pre-requisite – Grade 11 English, University

### **ETS4C1 – Studies in Sports Literature, Grade 12, College Preparation – 1 Credit**

This course is for students with a special interest in sports and the literature of sports. The course will focus on themes commonly explored in the literature of sport through a number of genres, including short fiction, poetry, essays, newspaper articles and full-length works of non-fiction. 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 arguments, and complete an independent study project on a topical issue in sport.

Ministry Pre-requisite – Grade 11 English, College or University

### **EWC4U1 – The Writer’s Craft, Grade 12, University Preparation – 1 Credit**

This course emphasizes knowledge and skills related to the craft of writing. Students will analyze models of effective writing; use a workshop approach to produce a range of works; identify and use techniques required for specialized forms of writing; and identify effective ways to improve the quality of their writing. They will also complete a major paper as part of a creative or analytical independent study project, and investigate opportunities for publication and for writing careers.

Ministry Pre-requisite – Grade 11 English, University

### **EWC4C1 – The Writer’s Craft, Grade 12, College Preparation – 1 Credit**

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 appropriate 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.

Ministry Pre-requisite – Grade 11 English, College

### **FSF1P1 – Core French, Grade 9, Applied – 1 Credit**

This course emphasizes the concurrent development of oral communication, reading, and writing skills using a broad-based theme such as the media. Students will expand their ability to understand and speak French through conversations, discussions, and presentations. They will also read media-related short stories, articles, poems, and songs and write brief descriptions, letters, dialogues, and invitations.

## **FSF2D1 – Core French, Grade 10, Academic – 1 Credit**

This course enables students to increase their knowledge of the French language, further develop their language skills, and deepen their understanding and appreciation of Francophone culture around the world. Exploring a variety of themes, students will develop and apply critical thinking skills in discussion in their analysis and interpretation of texts, and in their own writing.

**Ministry Pre-requisite – Grade 9 French, Academic or Applied (crossover materials strongly recommended)**

## **FSF2P1 – Core French, Grade 10, Applied – 1 Credit**

This course emphasizes the further development of oral communication, reading and writing skills using a broad-based theme such as adolescence. Students will expand their knowledge of French by studying a series of theme-related topics, such as students' rights and responsibilities, relationships with peers and adults, and part-time jobs.

**Ministry Pre-requisite – Grade 9 French, Academic or Applied**

## **FSF3U1 – Core French, Grade 11, University Preparation – 1 Credit**

This course draws on a variety of themes to promote extensive development of reading and writing skills and to reinforce oral communication skills. Students will gain a greater understanding of French-speaking cultures in Canada and around the world through the reading of a variety of materials, including a short novel or play. Students will produce various written assignments, including a formal essay. The use of correct grammar and appropriate language conventions in both spoken and written French will be emphasized throughout the course.

**Ministry Pre-requisite – Grade 10 Core French, Academic**

## **FSF4U1 – Core French, Grade 12, University Preparation – 1 Credit**

This course draws on a variety of themes to promote extensive development of French-language skills. Students will consolidate their oral skills as they discuss literature, culture, and current issues. They will read a variety of texts and will write a formal essay. The use of correct grammar and appropriate language conventions in both spoken and written French will be emphasized throughout the course.

**Ministry Pre-requisite – Grade 11 Core French, University**

## **French Immersion/Extended French**

**Note: Grade 9 Immersion/Extended French Program – French Immersion or Extended French students study 3 compulsory courses: FIF 1DF or FEF 1DF, HRE10F, CGC1DF**

### **FIF1DF – Français Immersion, Grade 9, Pre-AP – 1 Credit**

This course enables students to expand their language knowledge and skills through the study of twentieth-century North American Francophone literature and culture. Students will participate in oral communication, reading, and writing activities as they study a novel and selected poems, legends, songs, films, and newspaper articles from the French-speaking world in North America.

### **FEF1DF – Français Intensif, Grade 9, Pre-AP – 1 Credit**

This course emphasizes the expansion of students' oral communication, reading, and writing skills through the study of themes that reflect their interests. Students will apply their knowledge of French in discussions, debates, dramatizations, and oral presentations. Students will read and write in a variety of genres (e.g., poems, articles, and brochures) and study at least one short novel intended for a French-speaking audience.

## **HRE10F – Théologie, Grade 9, Open – 1 Credit**

This course uses the Beatitudes as a framework to examine the attitudes and actions that characterize the Christian Life. Students will derive knowledge and skills from a study of scripture, Profession of Faith, Christian Moral Development, Prayer, Sacramental Life, and Family Life. Students are encouraged to grow in Gospel values while actively engaging in a variety of challenging educational activities. This course is part of the Extended/Immersion Program. The language of instruction is French.

## **CGC1DF – Géographie du Canada, Grade 9, Academic – 1 Credit**

This course draws on a variety of frameworks, such as the ecozone framework, and principles of physical, human, and economic geography, to explore Canada's distinct and evolving character. Students will investigate the inter connections among the landforms, climate, soil, plants, animals, and human activities in Canadian ecozones to develop geographic knowledge and skills that contribute to an understanding of Canada's diversity and its role in the world. This course is a component of the Extended/Immersion French program in Grade 9. The language of instruction is French.

**Note: Grade 10 Immersion/Extended French Program – French Immersion or Extended French students study 5 compulsory courses: FIF2DF or FEF2DF, HRE20F, CHC2DF, CHV20F/GLC20F**

### **FIF2DF – Français Immersion, Grade 10, Pre-AP – 1 Credit**

This course enables students to increase their knowledge of the French language and to further develop their language skills through the study of twentieth-century European Francophone literature and culture. Students will participate in oral communication, reading, and writing activities based on a variety of French literary and media works. They will study at least one novel and a selection of poems, short stories, films, plays, and newspaper and magazine articles.

**Ministry Pre-requisite: Grade 9 French Immersion**

### **FEF2DF Français Intensif, Grade 10, Pre-AP – 1 Credit**

This course emphasizes the continued development and refinement of students' oral communication, reading, and writing skills as they explore a variety of themes. Students will expand their knowledge and appreciation of Francophone culture through the study and interpretation of novels, poems, and plays intended for a French-speaking audience.

**Ministry pre-requisite: Grade 9 Extended French**

### **HRE20F – Le Christ et la Culture, Grade 10, Open – 1 Credit**

This course assists students with the help of the Gospel and the Catechism of the Catholic Church, in participating as Catholic Christians in the shaping of our culture. The relationship between the person and the message of Christ and the dominant attitudes of contemporary culture will be examined by focusing on three key elements as seen from a Christian perspective:

- 1) The human being – the student – who enters into dialogue with Christ and culture;
- 2) Culture and the things that shape culture in Canada;
- 3) The Person of Christ as He is present and active among us and in us today in the power of the Holy Spirit. Students will be given the means with which to make sound moral choices and judgements in both personal and social phases of life while living in a pluralistic and secular society.

This course is a component of the Extended/Immersion French program in Grade 10. The language of instruction is French.

# French

## **CHC2DF – Histoire du Canada – 20<sup>e</sup> siècle, Grade 10, Academic – 1 Credit**

This course explores Canadian participation in global events and traces our development as a country through changes in population, economy, and technology. Students will analyse the elements that constitute Canadian identity, learn the stories of both individuals and communities, and study the evolution of political and social structures. Students will learn about differing interpretations of the past, and will come to understand the importance in historical studies of chronology and cause-effect relationships. They will also learn to develop and support a thesis, conduct research and analysis, and effectively communicate the results of their inquiries. This course is a component of the Extended/Immersion French program in Grade 10. The language of instruction is French.

## **CHV2OF – Citoyenneté, Grade 10, Open – ½ Credit**

This course explores what it means to be an informed, participating citizen in a democratic society. Students will learn about the elements of democracy, and the meaning of democratic citizenship in local, national, and global context. In addition, students will learn about social change, examine decision-making processes in Canada, explore their own and others' beliefs and perspectives on civics questions, and learn how to think and act critically and creatively.

## **GLC2OF – Exploration des choix de carrière, Grade 10, Open – ½ Credit**

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.

**Note: Grade 11 Immersion/Extended French Program – French Immersion or Extended French students study 2 compulsory courses: FIF3UF or FEF3UF, HRT3MF**

## **FIF3UF – Français Immersion, Grade 11, AP – 1 Credit**

This course develops knowledge and language skills through the study of Francophone literature and culture from around the world. Students will study novels, plays, poems, short stories, films, and non-fiction works and produce written assignments in a variety of forms, including critiques and précis. They will also write a formal research essay. The use of correct grammar and appropriate language conventions in both spoken and written French will be emphasized throughout the course. Ministry Pre-requisite – Grade 10 French Immersion

## **FEF3UF – Français Intensif, Grade 11, AP – 1 Credit**

This course focuses on developing French-language skills through the study of Canadian Francophone authors. Students will analyse works in a variety of genres and will produce various types of written assignments, including a formal essay. The use of correct grammar and appropriate language conventions in both spoken and written French will be emphasized throughout the course.

Ministry Pre-requisite – Grade 10 Extended French

## **HRT3MF – Grandes Religions, Grade 11, University/College Preparation – 1 Credit**

World Religions/Faith and Culture introduces students to the various expressions of humanity's responses to the mysteries of life. Its purpose is to familiarize students with religious worldviews and to compare the moral teachings of the various world religions with those of contemporary culture. This exploration may lead students to a more authentic adherence to their own religious traditions and a deeper commitment to the Catholic faith. It can break down prejudice and misconceptions about other religious traditions, while at the same time, developing an understanding of the role morality plays in the human search for meaning and purpose. This course is a component of the Extended/Immersion Program. The language of instruction is French.

**Note: Grade 12 Immersion/Extended French Program – In their fourth year, French Immersion or Extended French students study two compulsory courses: FEF4UF or FIF4UF, HZT4UF**

## **FIF4UF – Français Immersion, Grade 12, AP – 1 Credit**

This course provides for extensive study of French literature and culture from the Middle Ages to the present. Students will study novels, plays, poems, films, and non-fiction works produced in various historical periods, and will write a formal research paper. The use of correct grammar and appropriate language conventions in both spoken and written French will be emphasized throughout the course.

Ministry Pre-requisite – Grade 11 French Immersion, University

## **FEF4UF – Français Intensif, Grade 12, AP – 1 Credit**

This course emphasizes the refinement of French-language skills through the study of Canadian and international Francophone literature. Students will interpret literary works, produce written assignments in a variety of genres, and conduct research on a major topic for a written and oral presentation. The use of correct grammar and appropriate language conventions in both spoken and written French will be emphasized throughout the course.

Ministry Pre-requisite – Grade 11 Extended French, University

## **HZT4UF – La philosophie, Grade 12, University Preparation – 1 Credit**

This course addresses three (or more) of the main areas of philosophy: metaphysics, logic, epistemology, ethics, social and political philosophy, and aesthetics. Students will learn critical thinking skills, the main ideas expressed by philosophers from a variety of the world's traditions, how to develop and explain their own philosophical ideas, and how to apply those ideas to contemporary social issues and personal experiences. This course will also help students refine skills used in researching and investigating topics in philosophy. This course is a component of the French Extended/Immersion Program. The language of instruction is French.

Ministry Pre-requisite – Grade 11 French World Religions, University/College

# Health and Physical Education

## **PPL10V (Female) PPL10U (Male) – Healthy Active Living Education, Grade 9, Open – 1 Credit**

This course emphasizes students' daily participation in a variety of enjoyable physical activities that promote lifelong healthy active living. Students will learn movement techniques and principles, ways to improve personal fitness and physical competence, and safety/injury-prevention strategies. They will investigate issues related to healthy sexuality and the use and abuse of alcohol, tobacco, and other drugs and will participate in activities designed to develop goal setting, communication, and social skills.

## **PPL20V (Female) PPL20U (Male) – Healthy Active Living Education, Grade 10, Open – 1 Credit**

This course emphasizes regular participation in a variety of enjoyable physical activities that promote lifelong healthy active living. Student learning will include the application of movement principles to refine skills; participation in a variety of activities that enhance personal competence, fitness, and health; examination of issues related to healthy sexuality, healthy eating, substance use and abuse; and the use of informed decision-making, conflict resolution, and social skills in making personal choices.

## **PPL301 – Healthy Active Living Education, Grade 11, Open – 1 Credit**

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

## **PAF301 – Personal and Fitness Activities, Grade 11, Open – 1 Credit**

This course focuses on the development of a healthy lifestyle and participation in a variety of non-competitive physical activities that have the potential to engage students' interest throughout their lives. Students will have the opportunity to explore a wide variety of activities ranging from team activities, to weight training, to step aerobics, to training in self-defense. To accommodate this goal,

some activities will take place in the community and a nominal fee may be required. Students will be encouraged to develop personal competence in a variety of movement skills, and will be given opportunities to practice goal-setting, decision-making, coping, social and interpersonal skills. Students will also study the components of healthy relationships, reproductive health, and mental health. (Recommended for female students).  
Students may only obtain a credit in PPL301 or PAF301.

## **PPL401 – Healthy Active Living Education, Grade 12, Open – 1 Credit**

This course focuses on the development of a personalized approach to healthy active living through participation in a variety of sports and recreational activities that have the potential to engage students' interest throughout their lives. Students will develop and implement personal physical fitness plans. In addition, they will be given opportunities to refine their decision-making, conflict-resolution, and interpersonal skills, with a view to enhancing their mental health and their relationships with others.

## **PSE4U1 – Exercise Science, Grade 12, University – 1 Credit**

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

Ministry Pre-requisite – Any Grade 11 university or university/college preparation course in science or any Grade 11 or 12 open course in health and physical education.



# Mathematics

## **MPM1D1 – Principles of Mathematics, Grade 9, Academic – 1 Credit**

This course enables students to develop generalizations of mathematical ideas through exploration of applications, the effective use of technology, and abstract reasoning. The course is designed for students who have shown a high degree of mathematical ability in grade 7/8 and have an aptitude in abstract mathematical thinking. Students will investigate relationships to develop equations of straight lines in analytic geometry, explore relationships between volume and surface area of objects in measurement, and apply extended algebraic skills in problem solving. Students will engage in abstract extensions of core learning that will deepen their mathematical knowledge and enrich their understanding.

## **MPM1DP – Principles of Mathematics, Grade 9, Pre-AP – 1 Credit**

The curriculum for this course is identical to that of the academic but is supplemented with frequent problem solving sessions designed to challenge those enrolled.

## **MF1P1 – Foundations of Mathematics, Grade 9, Applied – 1 Credit**

This course is designed to introduce students to the many aspects of mathematics. It will consolidate and extend mathematical skills previously learned. It will enable students to develop mathematical ideas and abstract reasoning through exploration of applications, the effective use of technology, and extended experiences with hands-on activities. Students will investigate relationships of straight lines in analytic geometry, solve problems involving the measurement of three-dimensional objects and two-dimensional figures, and apply key numeric and algebraic skills in problem solving. Students will also have opportunities to consolidate core skills and deepen their understanding of key mathematical concepts.

# Mathematics

## **MAT1L1 – Locally Developed Compulsory Credit, Grade 9 – 1 Credit**

This course emphasizes further development of mathematical knowledge and skills to prepare students for success in their everyday lives in the workplace, in the Grade 10 LDCC course and in the Grade 11 and Grade 12 Mathematics Workplace Preparation courses. The course is organized by three strands related to money sense, measurement, and proportional reasoning. In all strands, the focus is on developing and consolidation 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 and writing, and oral language through relevant and practical math activities.

## **MPM2D1 – Principles of Mathematics, Grade 10, Academic – 1 Credit**

This course enables students to broaden their understanding of relations, extend their skills in multi-step problem solving, and continue to develop their abilities in abstract reasoning. Students will pursue investigations of quadratic relations and their applications; solve and apply linear systems; solve multi-step problems in analytic geometry to verify properties of geometric figures; investigate the trigonometry of right and acute triangles; and develop supporting algebraic skills. Ministry Pre-requisite – Grade 9 Mathematics, Academic or Applied (crossover materials strongly recommended)

## **MPM2DP – Principles of Mathematics, Grade 10, Pre-AP – 1 Credit**

Grade 10 Enriched Mathematics. This course has the same course content as MPM2D1, but with increased emphasis on problem solving methods and with time devoted to math contest-type questions. Ministry Pre-requisite – Grade 9 Mathematics, Academic

## **MFM2P1 – Foundations of Mathematics, Grade 10, Applied – 1 Credit**

This course enables students to consolidate their understanding of key mathematical concepts through hands-on activities and to extend their problem-solving experiences in a variety of applications. Students will solve problems involving proportional reasoning and the trigonometry of right triangles; investigate applications of piecewise linear relations; solve and apply systems of linear equations; and solve problems involving quadratic relations. The effective use of technology in learning and in solving problems will be a focus of the course. Ministry Pre-requisite – Grade 9 Mathematics, Academic or Applied

## **MAT2L1 – Locally Developed Compulsory Credit, Grade 10 – 1 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 Grade 11 and Grade 12 Mathematics Workplace Preparation courses. The course is organized by three strands related to money sense, measurement, and proportional reasoning. In all strands, the focus is on developing and consolidation 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 and writing and oral language through relevant and practical math activities.

Pre-requisite- A Grade 9 Mathematics credit

## **MCR3U1 – Functions, Grade 11, University Preparation – 1 Credit**

This course introduces the mathematical concept of the function by extending students' experiences with linear and quadratic relations. Students will investigate properties of discrete and continuous

functions, including trigonometric and exponential functions; represent functions numerically, algebraically and graphically; solve problems involving applications of functions; and develop facility in simplifying polynomial and rational expressions. Students will reason mathematically and communicate their thinking as they solve multi-step problems. Ministry Pre-requisite – Grade 10 Mathematics, Academic

## **MCR3UP – Functions and Relations, Grade 11, AP – 1 Credit**

Grade 11 Enriched Mathematics. This course will follow the regular grade 11 University curriculum but with increased applications to problem solving. Ministry Pre-requisite – Grade 10 Mathematics, Academic

## **MCF3M1 – Functions and Applications Grade 11, University/College Preparation – 1 Credit**

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 multistep problems. Ministry Pre-requisite: Principles of Mathematics, Grade 10, Academic, or Foundations of Mathematics, Grade 10, Applied

## **MBF3C1 – Mathematics of Personal Finance, Grade 11, College Preparation – 1 Credit**

This course enables students to broaden their understanding of mathematics as a problem-solving tool in the real world. Students will extend their understanding of quadratic relations, as well as of measurement and geometry; investigate situations involving exponential growth; solve problems involving compound interest; solve financial problems connected with vehicle ownership; and develop their ability to reason by collecting, analysing, and evaluating involving one and two variables. Students will consolidate their mathematical skills as they solve problems and communicate their thinking. Ministry Pre-requisite – Grade 10 Mathematics, Applied

## **MEL3E1 – Mathematics for Everyday Life, Grade 11, Workplace Preparation – 1 Credit**

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.

Ministry Pre-requisite – Principles of Mathematics, Grade 9, Academic, or Foundations of Mathematics, Grade 9, Applied, or a ministry-approved locally developed Grade 10 mathematics course

## **MHF4U1 – Advanced Functions, Grade 12, University Preparation**

This course extends students' experience with function. Students will investigate the properties of polynomial, rational, logarithmic and trigonometric functions; broaden their understanding of rates of change; and develop facility in applying these concepts and skills. Students will also refine their use of the mathematical processes necessary for success in senior mathematics. This course is intended both for students who plan to study mathematics in university and for those wishing to consolidate their understanding of mathematics before proceeding to any one of a variety of university programs. Ministry Pre-requisite – Functions, Grade 11, university Preparation, or Mathematics for College Technology, Grade 12 College Preparation

# Mathematics

## MCV4U1 – Calculus and Vectors, Grade 12, University Preparation – 1 Credit

This course builds on students' previous experience with functions and their developing understanding of rates of change. Students will solve problems involving geometric and algebraic representations of vectors, and representations of lines and planes in three dimensional space; broaden their understanding of rates of change to include the derivatives of polynomial, rational, exponential, and sinusoidal functions and apply these concepts and skills to the modeling of real-world relationships. Students will also refine their use of the mathematical processes necessary for success in senior mathematics. This course is intended for students who plan to study mathematics in university and who may choose to pursue careers in fields such as physics and engineering.

Ministry Pre-requisite - Advanced Functions, Grade 12, University Preparation

## MCV4UP – Advanced Functions and Introductory Calculus, Grade 12, AP – 1 Credit

Grade 12, Enriched Mathematics. This course will follow the regular grade 12 curriculum but with augmentations of material that would help students prepare for the AP exam.

Ministry Pre-requisite – Grade 11, Function and Relations - AP or Advanced Functions, Grade 12, University Preparation

## MDM4U1 – Mathematics of Data Management, Grade 12, University Preparation – 1 Credit

This course broadens students' understanding of mathematics as it relates to managing information. Students will apply methods for organizing large amounts of information; solve problems involving counting techniques, probability, and statistics; and carry out a culminating project that integrates the expectations of the course. Students will continue to develop the mathematical processes necessary for success in senior mathematics. Students planning to pursue university programs in business, the social sciences, and the humanities will find this course of particular interest.

Ministry Pre-requisite - Functions, Grade 11, University Preparation, or Functions and Applications, Grade 11, University/College Preparation

## MAP4C1 – College and Apprenticeship Mathematics, Grade 12, College Preparation – 1 Credit

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; apply measurement in designing and constructing physical models; solve financial problems connected with home ownership; 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.

Ministry Pre-requisite - Foundations for College Mathematics, Grade 11, College Preparation, or Functions and Applications, Grade 11, University/College Preparation (or Functions, Grade 11, University Preparation)

## MCT4C1 – Mathematics for College Technology, Grade 12, College Preparations – 1 Credit

This course enables students to extend their knowledge of functions. Students will investigate and apply properties of polynomial, rational, 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, and vectors. 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.

Ministry Pre-requisite - Functions and Applications, Grade 11, University/College Preparation (or Functions, Grade 11, University Preparation)

# Science

## SNC1D1 – Science, Grade 9, Academic – 1 Credit

This course enables students to understand essential concepts in biology, chemistry, earth and space science, and physics; to develop skills in the process of scientific inquiry; and to relate science knowledge to technological, social, and environmental knowledge. Students will learn about scientific theories and pursue inquiries related to cell division and reproduction, atomic and molecular structures, properties of elements and compounds, the universe and space exploration, and the principles of static and current electricity.

## SNC1DP – Science, Grade 9, Pre-AP – 1 Credit

This course will meet all the expectations of the regular academic course but will be enriched with more challenging problems and with further applications.

## SNC1P1 – Science, Grade 9, Applied – 1 Credit

This course enables students to understand essential concepts in biology, chemistry, earth and space science, and physics; to develop practical skills in scientific investigation; and to apply their knowledge of science to everyday situations. Students will design and conduct investigations into practical problems and issues related cell division and reproduction, the structures and properties of elements and compounds, astronomy and space exploration, and static and current electricity.

## SNC1L1 - Science, Grade 9, Locally Developed – 1 Credit

This course emphasizes reinforcing and strengthening science-related knowledge and skills, including scientific inquiry, critical thinking, and the relationship between society and the environment, to prepare students for success in everyday life, in the workplace and in the Grade 10 LDCC 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 and oral language through relevant and practical science activities.

## SNC2D1 – Science, Grade 10, Academic - 1 Credit

This course enables students to develop a deeper understanding of concepts in biology, chemistry, earth and space science, and physics; to develop further their skills in scientific inquiry; and to understand the interrelationships among science, technology, and the environment. Students will conduct investigations and understand scientific theories related to: ecology and the maintenance of ecosystems; chemical reactions, with particular attention to acid-base reactions; factors that influence weather systems; and motion.

Ministry Pre-requisite – Grade 9 Science, Academic or Applied – (crossover material strongly recommended)

# Science

## **SNC2L1 – Science, Grade 9, Locally Developed – 1 Credit**

This course emphasizes reinforcing and strengthening science-related knowledge and skills, including scientific inquiry, critical thinking, and the environmental impact of science and technology, to prepare students for success in everyday life, in the workplace. Students explore a range of topics, including science in the media, interactions of common materials, interdependence of organisms in communities and using electrical energy. Students have the opportunity to extend mathematical and scientific process skills and to continue developing their skills in reading and oral language through relevant and practical science activities.

## **SNC2DP – Science, Grade 10, Pre-AP – 1 Credit**

This course will meet all the expectations of the regular academic course but will be enriched with more challenging problems and with further applications. It will provide students with the opportunity to prepare for Advanced Placement courses in grade 12.

Ministry Pre-requisite – Grade 9 Science, Academic

## **SNC2P1 – Science, Grade 10, Applied – 1 Credit**

This course enables students to develop a deeper understanding of concepts in biology, chemistry, earth and space science, and physics; to develop further their practical skills in scientific investigation; and to apply their knowledge of science to real-world situations. Students will design and conduct investigations into everyday problems and issues related to ecological sustainability, chemical reactions, weather systems, and motion.

Ministry Pre-requisite – Grade 9 Science, Academic or Applied

## **SNC3E1 – Science, Grade 11,**

### **Workplace Preparation – 1 Credit**

This course provides students with the science-related knowledge and skills they need to help them make informed decisions in the workplace and in their personal lives. Students will explore a range of topics, including materials and safety; electrical circuits; micro-organisms; the human immune system and defences against disease; and the impact of technology on the environment. Emphasis is placed on relating these topics directly to students' experiences both in the world of work and daily life.

Ministry Pre-requisite – Grade 10 Science, Academic or Applied

## **Biology**

### **SBI3U1 – Biology, Grade 11,**

#### **University Preparation – 1 Credit**

This course furthers students' understanding of the processes involved in biological systems. Students will study cellular functions, genetic continuity, internal systems and regulation, the diversity of living things, and the anatomy, growth, and functions of plants. The course focuses on the theoretical aspect of the topics under study, and helps students refine skills related to scientific investigation.

Ministry Pre-requisite – Grade 10 Science, Academic

### **SBI3UP – Biology, Grade 11, AP – 1 Credit**

This course will meet all the expectations of the regular academic course but will be enriched with more challenging problems and with further applications. It will provide students with the opportunity to prepare for Advanced Placement courses in grade 12.

Ministry Pre-requisite – Grade 10 Science, Academic

### **SBI3C1 – Biology, Grade 11, College Preparation – 1 Credit**

This course focuses on the processes involved in biological systems. Students will learn concepts and theories as they conduct investigations in the areas of cellular biology, microbiology, animal anatomy and physiology, plant structure and physiology, and environmental science.

Emphasis will be placed on the practical application of concepts and skills needed for further study in the various branches of life sciences and related fields.

Ministry Pre-requisite – Grade 10 Science, Academic or Applied

### **SBI4U1 – Biology, Grade 12,**

#### **University Preparation – 1 Credit**

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

Ministry Pre-requisite – Grade 11 Biology, University (Grade 11 Chemistry, University recommended)

### **SBI4UP – Biology, Grade 12, AP – 1 Credit**

This course will meet all the expectations of the regular academic course but will be enriched with more challenging problems and with further applications. It will provide students with the opportunity to prepare for an Advanced Placement exam.

Ministry Pre-requisite – Grade 11 Biology, University

## **Chemistry**

### **SCH3U1 – Chemistry, Grade 11, University Preparation – 1 Credit**

This course focuses on the concepts and theories that form the basis of modern chemistry. Students will study the behaviours of solids, liquids, gases, and solutions; investigate changes and relationships in chemical systems; and explore how chemistry is used in developing new products and processes that affect our lives and our environment. Emphasis will also be placed on the importance of chemistry in other branches of science.

Ministry Pre-requisite – Grade 10 Science, Academic

### **SCH3UP – Chemistry, Grade 11, AP – 1 Credit**

This course will meet all the expectations of the regular academic course but will be enriched with more challenging problems and with further applications. It will provide students with the opportunity to prepare for Advanced Placement courses in grade 12.

Ministry Pre-requisite – Grade 10 Science, Academic

### **SCH4C1 – Chemistry, Grade 12, College Preparation – 1 Credit**

This course introduces students to the concepts that form the basis of modern chemistry. Students will study qualitative analysis, quantitative relationships in chemical reactions, organic chemistry and electrochemistry, and chemistry as it relates to the quality of the environment. Students will employ a variety of laboratory techniques, develop skills of data collection and scientific analysis, and communicate scientific information using appropriate terminology. Emphasis will be placed on the role of chemistry in daily life and in the development of new technologies and products. This course will only be offered alternate years.

Ministry Pre-requisite – Grade 10 Science, Academic or Applied

### **SCH4U1 – Chemistry, Grade 12,**

#### **University Preparation – 1 Credit**

This course enables students to deepen their understanding of chemistry through the study of organic chemistry, energy changes and rates of reaction, chemical equilibrium, atomic and molecular structure, and electrochemistry. Students will further develop problem-solving and laboratory skills as they investigate chemical processes, at the same time refining their ability to communicate scientific information. Emphasis will be placed on the importance of chemistry in daily life, and on evaluating the impact of chemical technology on the environment.

Ministry Pre-requisite – Grade 11 Chemistry, University

## **SPH4UP – Chemistry, Grade 12, AP – 1 Credit**

This course will meet all the expectations of the regular academic course but will be enriched with more challenging problems and with further applications. It will provide students with the opportunity to prepare for an Advanced Placement exam.

Ministry Pre-requisite – Grade 11 Chemistry, University

## **Physics**

### **SPH3U1 – Physics, Grade 11, University Preparation – 1 Credit**

This course develops students' understanding of the basic concepts of physics. Students will study the laws of dynamics and explore different kinds of forces, the quantification and forms of energy (mechanical, sound, light, thermal, and electrical), and the way energy is transformed and transmitted. They will develop scientific-inquiry skills as they verify accepted laws and solve both assigned problems and those emerging from their investigations. Students will also analyse the interrelationships between physics and technology, and consider the impact of technological applications of physics on society and the environment.

Ministry Pre-requisite – Grade 10 Science, Academic

### **SPH3UP – Physics, Grade 11, AP – 1 Credit**

This course will meet all the expectations of the regular academic course but will be enriched with more challenging problems and with further applications. It will provide students with the opportunity to prepare for the Advanced Placement courses in grade 12.

Ministry Pre-requisite – Grade 10 Science, Academic

### **SPH4C1 – Physics, Grade 12, College Preparation – 1 Credit**

This course develops students' understanding of the basic concepts of physics. Students will explore these concepts as they relate to mechanical, electrical, fluid (hydraulic and pneumatic), and communications systems, as well as to the operation of commonly used tools and equipment. They will develop scientific-inquiry skills as they verify accepted laws of physics and solve both assigned problems and those emerging from their investigations. Students will also consider the impact of technological applications on physics on society and the environment. This course will only be offered alternate years.

Ministry Pre-requisite: Grade 9 or 10 Science Academic or Applied

### **SPH4U1 – Physics, Grade 12, University Preparation – 1 Credit**

This course enables students to deepen their understanding of the concepts and theories of physics. Students will explore further the laws of dynamics and energy transformations, and will investigate electrical, gravitational, and magnetic fields; electromagnetic radiation; and the interface between energy and matter. They will further develop inquiry skills, learning, for example, how the interpretation of experimental data can provide indirect evidence to support the development of a scientific model. Students will also consider the impact on society and the environment of technological applications of physics.

Ministry Pre-requisite – Grade 11 Physics, University

### **SPH4UP – Physics, Grade 12, AP – 1 Credit**

This course will meet all the expectations of the regular academic course but will be enriched with more challenging problems and with further applications. It will give students the opportunity to prepare for an Advanced Placement exam.

Ministry Pre-requisite – Grade 11 Physics, University

# Social Sciences and Humanities

## **HSB4M1 – Challenge and Change in Society, Grade 12, University/College Preparation – 1 Credit**

This course examines the theories and methodologies used in anthropology, psychology, and sociology to investigate and explain shifts in knowledge, attitudes, beliefs, and behaviour and their impact on society. Students will analyse cultural, social, and biological patterns in human societies, looking at the ways in which those patterns change over time. Students will also explore the ideas of classical and contemporary social theorists, and will apply those ideas to the analysis of contemporary trends.

Ministry Pre-requisite – Any university, university/college, or college preparation course in social sciences and humanities, English, or Canadian and world studies.

## **HSB4MP – Psychology – 1 Credit**

This course examines the theories and methodologies used in anthropology, psychology, and sociology to investigate and explain shifts in knowledge, attitudes, beliefs, and behaviour and their impact on society. Students will analyse cultural, social, and biological patterns in human societies, looking at the ways in which those patterns change over time. Students will also explore the ideas of classical and contemporary social theorists, and will apply those ideas to the analysis of contemporary trends. This course will allow students to write the AP Psychology exam.

Ministry Pre-requisite – Any university, university/college, or college preparation course in social sciences and humanities, English, or Canadian and world studies.

STUDENTS CANNOT TAKE BOTH HSB4M1 and HSB4MP

## **Design and Technology**

### **TT1101 – Integrated Technologies, Grade 9, Open – 1 Credit**

This course introduces you to the use of information technologies in an integrated technological studies environment that includes a computer lab and a modern manufacturing facility. You will access Internet Websites, advanced computer software and Cad-Cam manufacturing technology, to solve problems, complete projects, and strengthen your communication skills.

## **Manufacturing Technology**

### **TMJ201 – Manufacturing Technology, Grade 10, Open – 1 Credit**

This course introduces students to the scope of the manufacturing industry, the various components used in the design of products, the industrial tools and equipment used, and methods of manufacturing. Students will learn about technical drawing; manufacturing techniques; CAD – CAM Manufacturing Technology, and careers in the manufacturing and design fields.

# Technological Studies

## **TMJ3C1 – Manufacturing Engineering Technology, Grade 11, College Preparation – 1 Credit**

This course focuses on design principles; electronic, pneumatic, and hydraulic control systems; and traditional and advanced manufacturing processes. Students will solve problems and make critical decisions necessary to develop efficient production systems. They will also study the broad range of career opportunities available in the manufacturing industry and the impact of its products on individuals, society, and the environment.

## **TMJ4C1 – Manufacturing Engineering Technology, Grade 12, College Preparation – 1 Credit**

This course focuses on advanced manufacturing and engineering and provides students with an opportunity to develop specialized knowledge and skills used in sophisticated production processes. Students will solve problems, make the decisions necessary to develop a product for manufacture, and examine production methods, quality control systems, and environmental and societal impacts.

**Ministry Pre-requisite – Grade 11 Manufacturing Engineering Technology, College**

## **Technological Design**

### **TDJ201 – Technological Design, Grade 10, Open – 1 Credit**

This course requires students to draw to Industry Standards Technical Production Drawings. Students will learn the following: how to execute technical drawings with AutoCAD. Apply the physical representations of selected materials and their application in product design; various technical presentation techniques. They will also become aware of design and engineering related careers.

### **TDJ3M1 – Technological Design, Grade 11, University/College Preparation – 1 Credit**

This course provides students with opportunities to apply the principles of technological design to challenges in communications, manufacturing, electronics, transportation, architecture, industrial and consumer products, health and safety equipment, and environmental services. Students will identify user needs, estimate labour and material costs, analyse material characteristics, and illustrate design solutions, using traditional and computer-based methods. They will also acquire the basic design skills required for post secondary studies in engineering, manufacturing, architecture, and construction.

### **TDJ4M1 – Technological Design, Grade 12, University/College Preparation – 1 Credit**

This course provides students with opportunities to solve problems in design through the use of technical drawings, model building, testing, and marketing. Students will research, design, and test solutions for residential or commercial architecture, industrial engineering, and manufacturing. They will also examine the educational requirements of a technical-design-related career in engineering, architecture, or industrial design.

**Ministry Pre-requisite – Grade 11 Technological Design, University/College**

## **Computer Studies**

### **TIK201 – Computer and Information Science, Grade 10, Open – 1 Credit**

This course introduces students to computer science concepts. Students will learn about the stages in software design; the fundamental programming constructs of sequence, selection and repetition; the functions of internal and external computer components; the relationship among networks, operating systems, and application software and their uses; and how programming languages evolve. Students will also develop an awareness of computer-related careers.

### **ICS3M1 – Computer and Information Science, Grade 11, University/College Preparation – 1 Credit**

This course helps students examine computer science concepts. Students will outline stages in software development, define standard control and data structures, identify on- and off-line resources, explain the functions of basic computer components, and develop programming and problem-solving skills by using operating systems and implementing defined practices. As well as identifying careers in computer science, students will develop an understanding of the ethical use of computers and the impact of emergent technologies on society.

### **ICS4M1 – Computer and Information Science, Grade 12, University/College Preparation – 1 Credit**

This course helps students use programming and software engineering principles to design and develop algorithms and programs. Students will use software development and diagnostic tools, implement data structures and algorithms, and use file management techniques in project settings. They will also develop an understanding of the ethics of computer use and the impact of information technology on the community, and will explore post secondary education.

**Ministry Pre-requisite – Grade 11 Computer and Information Science, University/College**

# Theology

## **HRE101 – Theology, Grade 9, Open – 1 Credit (Be With Me)**

This course uses the Beatitudes as a framework to examine the attitudes and actions that characterize the Christian Life. Students will derive knowledge and skills from a study of scripture, Profession of Faith, Christian Moral Development, Prayer, Sacramental Life, and Family Life. Students are encouraged to grow in Gospel values while actively engaging in a variety of challenging educational activities.

## **HRE201 – Christ and Culture, Grade 10, Open – 1 Credit**

This course assists students, with the help of the Gospel and the Catechism of the Catholic Church, in participating as Catholic Christians in the shaping of our culture. The relationship between the Person and message of Christ and the dominant attitudes of contemporary culture will be examined by focusing on three key elements as seen from a Christian perspective: 1) the human being – the student- who enters into dialogue with Christ and culture; 2) culture and the things that shape culture in Canada; 3) the Person of Christ as He is present and active among us and in us today in the power of the Holy Spirit. Students will be given the means with which to make sound moral choices and judgements in both personal and social phases of life while living in a pluralistic and secular society.

## **HRT3M1 – World Religions/Faith and Culture, Grade 11, University/College Preparation – 1 Credit**

World Religions/Faith and Culture introduces students to the various expressions of humanity's responses to the mysteries of life. Its purpose is to familiarize students with religious worldviews and to compare the moral teachings of the various world religions with those of contemporary culture. This exploration may lead students to a more authentic adherence to their own religious traditions and a deeper commitment to the Catholic faith. It can break down prejudice and misconceptions about other religious traditions, while at the same time, developing an understanding of the role morality plays in the human search for meaning and purpose.

## **HRT3MP – World Religions/Faith and Culture, Grade 11, University/College Preparation – 1 Credit**

World Religions/Faith and Culture introduces students to the various expressions of humanity's responses to the mysteries of life. Its purpose is to familiarize students with religious worldviews and to compare the moral teachings of the various world religions with those of contemporary culture. This exploration may lead students to a more authentic adherence to their own religious traditions and a deeper commitment to the Catholic faith. It can break down prejudice and misconceptions about other religious traditions, while at the same time, developing an understanding of the role morality plays in the human search for meaning and purpose.

This course is intended for students taking CHY4UP with the intention of writing the AP World History exam.

## **HRF301 – World Religions: Beliefs and Daily Life, Grade 11, Open – 1 Credit**

This course introduces students to the range and diversity of world religions, and examines how systems of belief affect individual lives and social relationships. Students will learn about a variety of religious beliefs, teachings, traditions, and practices. The course also helps students to develop skills used in researching and investigating topics related to world religions.

## **HRE4M1 – Church and Culture: In Search of the Good, Grade 12, University/College Preparation – 1 Credit**

This course is directed toward the clear identification of Catholic moral principles and the concrete application of these principles in the lives of students. The course proceeds from foundational beliefs rooted in Sacred Scripture concerning justice and peace to an exploration of the principles that shape Christian life. In the Family Life Education strand, students explore a variety of topics related to the themes of personhood,

interpersonal relationships and sexuality. Special attention is given to the interaction between the Church and culture. The modern world is characterized by a multiplicity of values, philosophies, and ideologies. In a democratic, pluralistic society, these concepts may creatively reinforce one another or they may compete with and contradict one another. The Christian moral life is a call to follow Jesus Christ, to believe in the redemptive love of God for humankind and to proclaim and incarnate the reign of God as inaugurated by Jesus Christ. This course is intended to prepare the senior student for this lifelong task.

*(This course or HRE 401 is mandatory)* Pre-requisite: Grade 11 University Religion and/or Grade 11 University English

## **HRE401 – Church and Culture: Creating a Christian Lifestyle, Grade 12, Open – 1 Credit**

This course assists students in their development of the skills and knowledge necessary to live lives of full maturity. Within the Catholic faith tradition, it is believed that this growth towards human maturity is best served when students are able to define themselves authentically in relation to their God, to other people and to their world. In the Family Life Education strand, students explore a variety of topics related to the themes of personhood, interpersonal relationships and sexuality. Students will demonstrate knowledge of the prophetic tradition in Scripture, become familiar with the social teachings of the Catholic Church, explore contemporary notions of spirituality and prayer, and recognize the importance, power, and potential of the human person in relation to morality and personal choices concerning future life paths.

*(This course or HRE 4M1 is mandatory)*

Pre-requisite: Grade 11 College or University Religion and/or Grade 11 College or University English

## **HZT4U1 – Philosophy: Questions and Theories, Grade 12, University Preparation – 1 Credit**

This course addresses three (or more) of the main areas of philosophy: metaphysics, logic, epistemology, ethics, social and political philosophy, and aesthetics. Students will learn critical thinking skills, the main ideas expressed by philosophers from a variety of the world's traditions, how to develop and explain their own philosophical ideas, and how to apply those ideas to contemporary social issues and personal experiences. This course will also help students refine skills used in researching and investigating topics in philosophy.

*(This is an elective course which cannot be taken instead of HRE4M1 or HRE401)* Ministry Pre-requisite: Any Grade 11 or 12 university or university/college preparation course in social sciences and humanities, English, or Canadian and world studies.



## **Toronto Catholic District School Board Trustees 2006 – 2007**

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