



COURSE CALENDAR 2011-2012

HAMILTON DISTRICT CHRISTIAN HIGH

Shaping Hearts *Inspiring Vision*

INDEX

Introduction	
Note to Parents and Students	3
Mission Statement	3
Educational Roadmap	
Planning Your Route through High School	5
My Roadmap	5
Diploma, Certificate & General Information	
HDCH Diploma	6
Ontario Secondary School Diploma	7
Certificate Information.....	8
Prior Learning Recognition	8
Courses	
Types of Secondary School Courses	9
Independent Study	10
Explanation of Course Codes	10
Course Change Policy	11
Additional Services.....	12
Student Responsibilities	13
Chart of Course Codes	14
Course Descriptions	
Fine Arts	16
Religious Studies	21
Business Studies	21
Canadian & World Studies	24
Languages	27
Guidance & Career Education	33
Mathematics.....	34
Physical & Health Education	38
Sciences	40
Social Sciences & Humanities	43
Technical Studies.....	45
Curricular Canon	
Developing a Christian Mind Which Integrates Faith and Knowledge.....	47

INTRODUCTION

Note to Parents & Students

This program book has been designed to assist students and parents in planning a purposeful program of studies. It describes courses, diploma requirements, and organizational patterns at the school. Careful planning is important.

We believe that the fear of the Lord is the beginning of true wisdom. This basic principle is a guide for all our activities at the school. Each course is designed to integrate Christian perspectives with the learning situations encountered by the students. Our staff are committed to this ongoing task.

We encourage students to consider their program choices prayerfully and in consultation with parents and HDCH staff. We also encourage students to choose courses with a view to maintaining as many opportunities as possible within their range of abilities.

Additional information regarding course descriptions and planning is available through the Student Services department at the school. It is located on the first floor right next to the administrative office.

Mission Statement

HDCH is a community of learners exploring God's great world in the light of Jesus Christ. Recognizing that each person is created in God's image, we express grace and compassion of the Holy Spirit in our interactions. God's truth permeates all things. All participants of the school community are encouraged to convey a sense of caring, understanding, and forgiveness within the established authority relationships.

YOUR EDUCATIONAL ROADMAP

All journeys have a destination, a route, and a means or method of transport. Negotiating the journey through high school is no different – it helps to know where you are going and how you will get there.

The information included in this calendar is designed to help you make informed choices for your high school program, to develop a roadmap for your learning. You are encouraged to research your secondary, post-secondary, and career options, and, in consultation with the Student Services department and your family, to prayerfully develop a four year plan. As you develop your educational roadmap, it may be helpful to remember the following:

1. Here's Your Help!

You are not alone in your decision-making process. The guidance staff, your family, the teaching staff, and your community are committed to helping you make positive, informed choices. Seek the Lord's will in your educational and career directions – every vocation can be a response to the Lord's call for service to Him.

2. Use Your Gifts

Education is not simply a means to an end. In other words, education is not just about getting to the next step or about getting that good job. You are encouraged to take courses which both interest you and which help to develop the talents with which the Lord had blessed you.

3. Prerequisites

Some courses have prerequisites – carefully consider the prerequisites for each course. They are listed in the course description section of the calendar.

4. University Admission

Most university programs require 6 4U/M courses as a minimum admissions standard. Most science, engineering, design, and math programs have additional, specific requirements. Research on specific programs is important.

5. College Admission

Many college and apprenticeship programs also have specific admissions expectations. Again, research is vital. Admissions requirements for colleges, universities, Bible colleges, and apprenticeships can be obtained from the institution concerned, and most can be found in the Student Services office.

6. Co-op

HDCH has a successful co-operative education program. In order to have enough space for a co-op placement in a senior year, students need to plan carefully in order to meet other diploma and program admission requirements. Remember that co-op takes up at least two periods in your daily schedule.

7. Graduation

Refer to the diploma requirement on page 6. Remember that you need a total of thirty credits to graduate. Make sure that all diploma requirements are met.

PLANNING THE ROUTE

Planning ahead is important, particularly when it comes to course selection. Be prepared: taking a look at the big picture before you fill out your option sheets each year will help you to organize your program.

The chart below provides a general four-year picture for your education. Use it to organize the sequence of courses you would like to take. You will notice that the compulsory courses for graduation are already listed for you in a recommended sequence. You will also note that the number of electives increases as you progress through high school. Again, be careful to check the prerequisites for courses as you do your planning. Also, remember that many college and university program demand prerequisite courses beyond those required for graduation. Finally, remember that elective courses can be taken at any time, provided you have the prerequisite. In other words you could, for example, take grade ten transportation technology in grade twelve, or you could take grade eleven accounting in grade ten.

Feel free to talk to Student Services if you have any questions about planning your educational roadmap.

MY EDUCATIONAL ROADMAP

	First Year	Second Year	Third Year	Fourth Year
1.	English	English	English	English
2.	Math	Math	Math	Bible
3.	Science	Science	Senior Science, Tech or Coop (<i>group 3</i>)	
4.	Info. Tech (<i>group 2</i>)	History	"Our Society" course	
5.	Geography	Bible	"Our World" course (<i>group 1</i>)	
6.	French	Civics/Guidance		
7.	Gym			
8.	Arts			
Accumulated Credits:				

HDCH DIPLOMA, CERTIFICATE & GENERAL INFORMATION

Hamilton District Christian High School is registered as a private school with the Ontario Ministry of Education. HDCH uses the credit system outlined in the Ontario Secondary School Document (1999). A credit is earned for the successful completion of a course involving 110 hours of instruction with a final mark of 50% or greater.

The Hamilton District Christian High School Diploma is designed to reflect the Mission of our school. Consistent with this mission, HDCH requires the following compulsory program considerations in addition to the requirements of the Ontario Secondary School Diploma:

1. That every student enrolled at HDCH be expected to be working toward the HDCH diploma.
2. The completion of at least two Bible courses (one Old Testament and one New Testament) or equivalent.
3. That each student complete at least one course from each of the “Our Society” course group and the “Our World” course group. For courses to be eligible to fulfill this part of the HDCH Diploma, they must be taken at HDCH or at a Christian secondary institution whose perspective is compatible with a Reformed Biblical worldview.

The compulsory subjects were chosen to ensure that all students are thoroughly exposed to Christian thinking and reflection. The Diploma is therefore granted to students who have completed thirty credits, including those listed in the table on the right, 40 hours of community service, and the Ontario Literacy requirements. Students who meet the requirements of the HDCH Diploma will qualify for the Ontario Secondary School Diploma.

The student should enrol in core courses at the suggested grade levels unless the student demonstrates unique learning abilities. Requests for modification must be made in writing to the Principal.

Community Involvement (Christian Service Requirement)

The Community involvement requirement reflects 40 hours of identifiable Christian service. This service must be people-focussed and should include a sharing of time, talents, and gifts. Completion of the forty hours is compulsory for the awarding of both the OSSD and the HDCH diploma. Service hour forms are available in Student Services or on the web site. Completed forms are kept in the Ontario Student Record (OSR).

HDCH Diploma

- 40 hours of Community service
- 2 Biblical Studies
- 3 Mathematics
- 4 English
- 1 French
- 1 Geography
- 2 Science
- 1 Arts
- 1 History
- .5 Careers
- .5 Civics
- 1 Business (BTT10)
- 1 Physical and Health Education
- 1 Senior Science, Co-op, or Technology
- 1 Course from “Our Society”
 - HRE33 - Christians in Society
 - EMS30 - English Media
 - HZT4U - Philosophy: Questions & Theories
 - CLU3E - Canadian Law
 - HHS4M - Individuals and Families in a Diverse Society
- 1 Course from “Our World”
 - CGU4U - Human Geography
 - HRT3M - World Religions
 - CLN4U - Canadian and International Law
 - CHY4U - Modern Western Civilization
 - CHW3M - World History to the 16th Century
 - CHM4E - Adventures in World History
- 9 Electives

Ontario Secondary School Diploma

In order to earn an Ontario Secondary School Diploma (OSSD), a student must earn a minimum of 30 credits including the following compulsory credits:

- 4 credits in English (1 credit/grade)*
- 1 credit in French as a second language
- 3 credits in Mathematics (at least 1 credit in Grade 11 or 12)
- 2 credits in Science
- 1 credit in Canadian History
- 1 credit in Canadian Geography
- 1 credit in the Arts
- 1 credit in Health and Physical Education
- .5 credit in Civics
- .5 credit in Career Studies

Plus one credit from each of the following groups:

- 1 additional credit in English, French as a second language (FSL)**, a Native language, a classical or an international language, Social Sciences and the Humanities, Canadian and World Studies, Guidance and Career Education, or Co-operative Education***
- 1 additional credit in Health and Physical Education, the Arts, Business Studies, FSL**, or Co-operative Education***
- 1 additional credit in Science (Gr 11 or 12), Technological Education, Computer Studies, FSL**, or Co-operative Education***

In addition to the compulsory credits, students must complete:

- 12 optional credits
- 40 Hours of community involvement
- the Ontario literacy requirement

Requests for modification or substitution must be made in writing to the principal.

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

** *A maximum of 2 credits in French as a second language (FSL) can count as compulsory; one from group 1 and one from either group 2 or group 3.*

*** *A maximum of two credits in Co-operative education can count as compulsory credits.*

Ontario Student Record

The OSR is the record of a student's educational progress through schools in Ontario. The information is privileged for the use of the principal and teachers of the school for the improvement of instruction of the student. The OSR consists of report cards, the OST, a documentation file and additional information that is conducive to the improvement of instruction. In most cases, students and their parents have the right to have access to the student's OSR. Students 18 years of age or older must give parents permission to look at their OSR.

Provincial Secondary School Literacy Test

All students must meet the provincial secondary school literacy requirement in order to earn the OSSD. Students meet this requirement by either passing the Literacy Test on their first or second attempt, or by successfully completing the Literacy Course. The Literacy Course (OLC40) can only be taken by students who have attempted the Literacy Test (OSSLT) at least once.

Ontario Student Transcript

The OST will record student achievement in Grade 9 and 10 for successfully completed credit courses and all attempted, repeated, and completed courses in Grade 11 and 12. Students will have up to five days following mid-term mark reporting to withdraw from courses without grades being recorded on the OST. The OST is part of the OSR. An OST will be supplied by the school at the request of the student.

Assessment and Evaluation of Student Achievement

Assessment and evaluation strategies at HDCH are based on the curriculum expectations. They are varied in nature, administered over a period of time, and designed to provide learning opportunities to demonstrate the full range of learning. Student Reports are distributed at least four times per semester; in addition to mid-semester and the course final, they are emailed at the time of early and late follow-up letters. Seventy percent of the grade is based on evaluations conducted throughout the course and thirty percent is based on a final evaluation which could include a combination of exam, final project, or portfolio. All HDCH students are required to complete all final evaluations.

HDCH Ontario Secondary School Certificate Procedure

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

Compulsory credits (total of 7)

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

Optional credits (total of 7)

7 credits selected by the student from available courses. The provisions for making substitutions for compulsory credits (described in section 3.2: Substitutions for Compulsory Courses) also apply to the Ontario Secondary School Certificate.

HDCH Certificate of Accomplishment Procedure

Students who leave HDCH before fulfilling the requirements for the Ontario Secondary School Diploma or the Ontario Secondary School Certificate may be granted a Certificate of Accomplishment. The Certificate of Accomplishment may be a useful means of recognizing achievement for students who plan to take certain vocational programs or other kinds of further training, or who plan to find employment after leaving school. The Certificate of accomplishment will be accompanied by the student's Ontario Student Transcript. For those students who have an IEP, a copy of the IEP may be included. Students who return to school to complete additional credit and non-credit courses (including courses with modified or alternative expectations in special education programs) will have their transcript updated accordingly, but will not be issued a new Certificate of Accomplishment. The Ontario Secondary School Diploma or Ontario Secondary School Certificate will be granted when a student has fulfilled the appropriate requirements.

HDCH Prior Learning Assessment and Recognition Procedure for Equivalent Credits

Students entering HDCH from out-of-province or from non-inspected private schools may be eligible to receive equivalent credit as outlined in Ontario Secondary Schools, 1999.

“Where students who do not have Ontario credits are transferring from a non-inspected private school or a school outside of Ontario to an Ontario secondary school, the principal of the receiving school will, in the process of deciding where the student should be placed, determine as equitably as possible the total credit equivalency of the student's previous learning, and the number of compulsory and optional credits still to be earned. Students will have to successfully complete the provincial secondary school literacy test.” OSS 6.7.2a

Equivalency credits are recorded on the Ontario Student Transcript with the course code PLE. The abbreviation EQV is used instead of a percentage grade when equivalent credits are recorded. All PLE credits are granted upon successful completion of required HDCH courses. HDCH does not provide for PLAR challenge for credit. All requests for equivalent credit will be made at the time of enrolment.

TYPES OF SECONDARY SCHOOL COURSES AT HDCH

Students enter high school with different gifts, abilities and goals. Students can take courses that are suited to their needs and gradually help them work towards an increasingly specialized four-year program. In grades 9 and 10, courses can be taken at the Applied (P), Academic (D), or Open (O) levels. In grades 11 and 12, courses are available at the University (U), College (C), University/College (M), and Workplace (E) levels. Note: Instructional and program modification can be made on an individual basis. Please see the Resource Assistance Program (p. 9) for a description or contact Student Services.

Applied courses (P):

Applied courses focus on practical applications and concrete examples. They cover the essentials of a subject. Knowledge and skills will be developed through both theory and practical applications, but the focus will be on practical applications. In applied courses, familiar, real-life situations will be used to illustrate ideas, and students will be given more opportunities to experience hands-on applications of the concepts studied.

Academic courses (D):

Academic courses draw more heavily on theory and abstract examples of problems. Students will learn the essential concepts of a subject and explore related material as well. Although knowledge and skills in the subject will be developed through both theory and practical applications, the emphasis will be on theory and abstract thinking as a basis for future learning and problem solving.

Open courses (O):

Open courses are designed to broaden students' knowledge and skills in subjects that reflect their interests and to prepare them for a life of Christian service. Open courses have expectations that are appropriate for all students.

The courses in the senior grades are destination related. Students can take courses that are university preparation, university/college preparation, college preparation, and workplace preparation. Open courses are also offered in the senior grades. Students will make their choices on the basis of their interests, achievement and career goals.

Workplace preparation courses (E):

These courses are designed to equip students with the knowledge and skills they need to meet the expectations of employers, if they plan to enter the workplace directly after graduation. They can also meet the requirements for admission to certain apprenticeship or other training programs.

College preparation courses (C):

These courses are designed to equip students with the knowledge and skills they need to meet the requirements for entrance to most college programs or for admission to apprenticeship or other training programs.

University/College courses (M):

These courses are designed to equip students with the knowledge and skills they need to meet the entrance requirements for specific programs offered at universities and colleges.

University courses (U):

These courses are designed to equip students with the knowledge and skills they need to meet the entrance requirements for university programs.

INDEPENDENT STUDY POLICY AND PROCEDURE

In most cases, study under the instruction and supervision of a qualified teacher provides the best learning environment for students. However, in rare cases, students enrolled at HDCH may apply to enroll in courses through the Independent Learning Centre or through another accredited agency. Students must apply directly to the Student Services office, and must provide a clear rationale and timeline for their anticipated course of study. Student Services, in consultation with the student, his/her family, and the principal, may grant permission for enrolment, provided:

- a. participation in the course is in the best educational interest of the student;
- b. enrolment in that same course at HDCH is not viable;
- c. enrolment in that course leads toward completion of OSSD requirements;
- d. the student possesses the appropriate prerequisite;
- e. the Ontario Student Record remains at HDCH.

Upon completion of an independent study, the principal may enter the credit and grade on the Ontario Student Transcript.

EXPLANATION OF COURSE CODES

Hamilton District Christian High School codes all courses according to the Ministry of Education's common course codes.

1. The first character is a letter indicating the subject area.

A - Arts	H - Humanities
B - Business	F - French
C - Canadian & World Studies	M - Mathematics
E - English	P - Phys. & Health Education
F - French	S - Science
T - Technological Studies	

2. & 3. The next two characters are also letters and, in conjunction with the first, indicate the subject.

4. The fourth character indicates the grade in which the subject is offered.

1 = Grade 9 2 = Grade 10 3 = Grade 11 4 = Grade 12

5. The fifth character is a letter indicating the level of instruction at which the subject is taught. (See types of Secondary School Courses on the previous page.)

For example: ENG1D is English 9 Academic; SBI3C is Biology 11 College.

COURSES WITH LIMITED ENROLMENT

In some years particular courses receive little interest from our students. Hamilton District Christian High School reserves the right to cancel any courses which have a low enrolment.

HDCH COURSE CHANGE POLICY

Students who wish to change a course before the first five days of the semester must adhere to the following procedure:

1. Student will obtain a *Course Change Form* available from Student Services.
2. Student will fill in step one of the change form, outlining the desired course changes.
3. Student will consult with a Student Services counselor to determine the workability of the change. The counselor will then fill out step two of the form.
4. Student will obtain permission for change from parent or guardian by filling in step three of the course change form and obtain a signature from parent/guardian.
5. Upon return of the form signed by parent/guardian, the course change will be processed. Student will return appropriate textbooks to the library.

Students who wish to change a course between five and 15 days into the semester must adhere to the following procedure:

1. Student will obtain a *Course Change Form* available from Student Services.
2. Student will fill in step one of the change form, outlining the desired course changes.
3. Student will consult with a Student Services counselor to determine the workability of the change. The counselor will then fill out step two of the form.
4. Student will obtain permission for change from parent or guardian by filling in step three of the course change form and obtain a signature from parent/guardian.
5. Student will consult with the classroom teacher in whose class they hope to enter about obtaining any notes and/or readings to complete, taking any tests or quizzes missed, and completing any assignments missed. The consulting teacher will fill in step four of the form when all tasks are satisfactorily met.
6. Upon return of the form signed by student, parent/guardian, and teacher, the course change will be processed. Student will return appropriate textbooks to the library.

Note: Students are not permitted to add courses fifteen classes into a semester, except due to extenuating circumstances and with the approval of administration. All courses dropped after mid-term will be included on the final transcript.

ADDITIONAL SERVICES

Independent Learning Program

The Independent Learning Program (ILP) provides an alternative to the traditional classroom setting by providing curriculum and support for students who are working toward one or more individualized credits. Students participating in the ILP are encouraged to explore and appreciate their God-given gifts and talents and to attain personal academic goals accordingly. The ILP teacher and student will work together to set goals and strive toward the completion of those goals. Referral to the Independent Learning Program should be made through Student Services. Referrals can be made by parents, students, teachers, or administration.

Co-operative Education

The Co-operative education program (Co-op) allows the senior student an opportunity to earn credits through an “on the job” work experience. The co-operative education course is connected to a related course in which the student is enrolled or which has been successfully completed, and consists of a classroom component and a placement component. Through these two components, the course prepares the student for successful participation in a work placement, provides time and opportunities to enable the student to apply and further develop knowledge and skills acquired in the related courses, and provides opportunities to integrate the learning acquired at school and at the placement.

Once a co-operative work placement has been established, the student is required to remain with that placement for the entire semester.

Further assistance regarding possibilities or options and procedures can be obtained from the Student Services department or the Co-operative Education Coordinator.

Computers

Computers are a vital tool in our daily lives. At HDCH we have four dedicated computer labs, computers in the library and the upper corridor, as well as access to computers in many of the classrooms. All of our labs and classrooms are networked to provide high-speed Internet access.

Library

The HDCH school library provides a friendly atmosphere for individual and group study, including 12 research computers and a wide range of print and electronic resources that both support and enhance the curriculum. Our goal is to provide an environment to stimulate the love of learning and reading and to assist students to become effective users of information.

Student Services

The Student Services Department at HDCH is dedicated to helping students discover their God-given gifts, and to developing these gifts in the advancement of God's kingdom. Our aim is to help students achieve personal goals in education and work and to contribute to their communities as obedient servants of Christ.

To help meet these objectives, the Student Services Department offers the following:

- Academic counseling – course selection, timetable revisions, and academic program.
- Academic support – study skills, program modification, and resource support.
- Post-secondary planning – exploration of post-secondary options and application processes.
- Personal assistance – counseling, conflict resolution, and outside referrals.
- Leadership and Peer Support – leadership training, tutoring and peer mentoring.
- Resource Centre – electronic and print library of current referrals.
- Independent Learning Program (ILP) – credit and non-credit academic support.
- Co-operative Education – field experience combined with instruction in a variety of vocational topics.

STUDENT RESPONSIBILITIES

Student Behaviour

It is expected that students at HDCH will allow and encourage every other student to learn effectively. Students should respect each other's property, and are obliged to demonstrate the fruit of the spirit: "love, joy, peace, patience, kindness, goodness, faithfulness, humility, and self control" (Galatians 5:22&23).

Attendance

Students who are absent without excuse for long periods of time will be in jeopardy of losing their credits if they are unable to show that they have mastered the objectives of the course. Students are expected to plan their personal lives and participation in school activities so that absences are at a minimum. Note that extenuating circumstances such as prolonged illness will not necessarily result in a loss of credit.

Achievement

Students are expected to complete their tasks as requested for each course. All HDCH students are required to complete all final evaluation tasks. The quality of the products should be consistent with the student's abilities. Students who have major assignments overdue will be expected to attend regularly scheduled Assignment Assistance Days.

Academic Aids

English as a Second Language students may use electronic translators for their regular class work. Only students enrolled in ESLA0, B0, and C0 are permitted to use electronic translators in testing situations. (See the Electronic Translators Policy for specific details.)

HDCH COURSE CODES

ARTS				
Instrumental Music AMI10 AMI20 AMI3M AMI4M	Vocal Music AMV20	Visual Arts AVI10 AWM3M AWM3O AWP3M AWP3O AVI4M	Drama ADA2O ADA3M ADA4M	
RELIGIOUS STUDIES				
HRE13	HRE23	HRE33		
BUSINESS STUDIES				
Accounting BAI3E BAF3M BAT4M	Business BDP3O	Computers BTA3O ICS3U ICS4U	Information Technology BTT1O	
CANADIAN AND WORLD STUDIES				
Geography CGC1D CGC1P CGU4U	Economics CIA4U	History CHC2D CHC2P CHW3M *CHM4E CHY4U	Law CLU3E CLN4U	
LANGUAGES				
English ENG1D ENG1P ENG2D ENG2P ENG3C ENG3U ENG4C ENG4U	Writer's Craft EWC4U	Media EMS3O	French FSF1D FSF1P FSF2D FSF3U FSF4U	ESL ESLAO ESLBO ESLCO ESLDO ESLEO
GUIDANCE AND CAREER EDUCATION				
World of Work COOP	Careers GLC2O	Civics CHV2O	Leadership and Peer Support GPP3O	

MATHEMATICS				
Junior MPM1D MFM1P MPM2D MFM2P	Senior MCF3M MCR3U MBF3C MEL3E MAP4C MCT4C MEL4E	Functions MHF4U	Calculus MCV4U	Data Management MDM4U
PHYSICAL AND HEALTH EDUCATION				
Female PPL1OF PPL2OF PPL4OF	Male PPL1OM PPL2OM	Co-ed PAL3O PPL3O PPL4O PSE4U		
SCIENCES				
General SNC1P SNC1D SNC2P SNC2D	Biology SBI3C SBI3U SBI4U	Chemistry SCH3U SCH4U	Physics SPH3U SPH4U	
SOCIAL SCIENCES AND HUMANITIES				
Food & Nutrition HFN2O	Family Studies HHS4M	Consumer Studies *HIR3C	World Religions HRT3M	Philosophy HZT4U
TECHNICAL STUDIES				
Transportation Technology Small Engines TTJ2O	Manufacturing and Construction Technology TMJ2O TWJ3E TCJ3E	Technological Design TDJ2O	Communication Technology TGJ2O	

* Offered in alternate years: CHM4E in 2011/2012, HIR3C in 2012/2013.

COURSE DESCRIPTIONS

The following course descriptions summarize the HDCH academic program. Courses offered have been developed according to the requirements of the Ontario Ministry of Education. Satisfactory completion of each course described on the following pages earns credit toward the HDCH and OSSD diplomas. A detailed outline of each course is available for your perusal through the school office.

FINE ARTS

INSTRUMENTAL MUSIC

The Instrumental Music program is made up of formal classes where students develop individual skills and learn the history, theory, and appreciation of music. Music is an expression of worship. These courses are designed to cultivate and develop our God-given talents and abilities for the purpose of glorifying God. Through participation in this program it is desired that we will each develop a greater appreciation and understanding of music as we use it to praise and worship our Creator and Saviour. Several ensembles rehearse at noon hours before and after school, preparing for a number of performances. All music students are encouraged to become involved with one of these ensembles.

AMI10 - Instructional Instrumental Music

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

HDCH Perspective: Music is a gift from God that has the power to transform and reshape the spirituality of the human soul. The music student is provided the opportunity to experience and grow as a constantly forming Christian Learner. By experiencing the rich cultural heritage which is

music education, the student becomes aware of the unique role that it plays in the Christian and secular world. No other medium has the power to transmit the ever dynamic Gospel messages in such an awe-inspiring manner.

AMI20 - Instructional Instrumental Music

**Prerequisite: AMI10*

Ministry Course Description: This course emphasizes the creation and performance of music at a level consistent with previous experience. Students will develop musical literacy skills by using the creative and critical analysis processes in composition, performance, and a range of reflective and analytical activities. Students will develop their understanding of musical conventions, practices, and terminology and apply the elements of music in a range of activities. They will also explore the function of music in society with reference to the self, communities, and cultures.

HDCH Perspective: Music can touch the soul in a powerful way. The music student has a unique opportunity to enhance his/her personal life, bring joy to others, and give glory to God through musical study and performance. Celebrations involving music are more meaningful, more life-giving, and more spiritual. The music student becomes aware of the awesome responsibilities and rewards in sharing this gift of music with others. The student will look at the function and impact of music in both sacred and secular cultures.

AMI3M - Instructional Instrumental Music

**Prerequisite: AMI20*

Ministry Course Description: This course provides students with opportunities to develop their musical literacy through the creation, appreciation,

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

HDCH Perspective: Music students learn much more than how to play music and listen to music. They are continuously developing their sense of self, respect for self, and for the dignity and welfare of others, by being part of a performance group. They gain valuable insight into the meaning of being an effective and contributing team member. They learn to achieve excellence and integrity in their own work, and to value those qualities in the work of others. They gain experience learning how to set appropriate goals and priorities in school, work and personal life, in order to meet the commitments of a performing ensemble.

AMI4M - Instructional Instrumental Music

*Prerequisite: AMI3M

Ministry Course Description: This course enables students to enhance their musical literacy through the creation, appreciation, analysis, and performance of music. Students will perform traditional, commercial, and art music, and will respond with insight to live and recorded performances. Students will enhance their understanding of the function of music in society and the impact of music on themselves and various communities and cultures. Students will analyse how to apply skills developed in music to their life and careers.

HDCH Perspective: Music students continue to develop their God-given potential by making a meaningful contribution to the course. Music is more than just an artistic form. It can be a conduit of feelings, imagination, and spiritual understanding. As music students work with and experience this artistic form, they are encouraged to develop self-discipline, to work effectively as interdependent team members, and to listen actively and critically to understand and learn in

light of gospel values. The Grade 12 music course helps students develop their Christian leadership potential in the achievement of individual and group goals through the rehearsing and directing of small and large ensembles.

VOCAL MUSIC

AMV20 - Vocal Music

Ministry Course Description: This course emphasizes the creation and performance of music at a level consistent with previous experience. Students will develop musical literacy skills by using the creative and critical analysis processes in composition, performance, and a range of reflective and analytical activities. Students will develop their understanding of musical conventions, practices, and terminology and apply the elements of music in a range of activities. They will also explore the function of music in society with reference to the self, communities, and cultures.

HDCH Perspective: Music is a gift from God that has the power to transform the soul and communicate spiritual truths about humanity and community. Use of the human voice in singing is one of the most basic abilities with which we are born, and it is also the most easily trained part of us, for use in praising our Maker in one voice, solely and collectively. The choral music student becomes aware of the awesome responsibilities and reward in sharing this gift of music with others. The student will experience expression of music through both sacred and secular repertoire.

VISUAL ARTS

AVI10 - Visual Art

Ministry Course Description: This course is exploratory in nature, offering an overview of visual arts as a foundation for further study. Students will become familiar with the elements and principles of design and the expressive qualities of various materials by using a range of media, processes, techniques, and styles. Students will use the creative and critical analysis processes and will interpret art within a personal, contemporary, and historical context.

HDCH Perspective: When God created humankind in his own image, he gave unique abilities to create, to

express, through visual images and other art forms. Humankind has responded to God's cultural mandate as found in Genesis 1 in a variety of traditional and contemporary ways. An art education program provides students with the opportunity to see the created world both past and present, through the eyes of others. It provides opportunities to participate in and respond to meaningful artistic production. By creating, the student acquires an alternative and unique means of communicating with other people and enriching the quality of life. Art opens the eyes of the student to: the wonders of creation, issues in society, injustices in the world and the redemption of humankind. It requires the student to respond accordingly and to evaluate critically.

3M Visual Art

This description applies to the following two courses.

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

AWM3M - Visual Art: Drawing & Painting

*Prerequisite: AVIIO

Ministry Course Description: See above.

HDCH Perspective: This course is designed to introduce students to the knowledge and skills that they need to meet the entrance requirements for specific college and university programs. Students will be presented with opportunities to participate in meaningful artistic production in the areas of drawing, design, advertising, painting and photography, producing a portfolio of finished artworks. Integrated with the studio component will be the study of artists and art periods from the Western Renaissance to the Modern Periods as well as art from Canada and other parts of the world. Students will be challenged to use critical thinking

skills and creative problem-solving strategies as they deal with social issues and the role of the Christian in the arts. Students will critique and analyze artworks and develop independent research topics. Each unit will focus on the design process with emphasis on the elements and principles of design. Units are supported by the sketchbook/journal, which will serve as a source of inspiration and include preliminary and preparatory work, written journal entries and personal investigation with an emphasis on developing a proficiency in skills, heightened perceptual awareness and imaginative compositions.

AWP3M - Visual Art: Sculpture & Print Making

*Prerequisite: AVIIO

Ministry Course Description: See above.

HDCH Perspective: This course is designed to introduce students to the knowledge and skills that they need to meet the entrance requirements for specific college and university programs. Students will be presented with opportunities to participate in meaningful artistic production as design elements are applied to: assemblage, relief and 3-d sculptures, silkscreen / relief printmaking, and collographs. Students will aim at producing a portfolio of finished artworks. The studio component of the course will be complemented by and integrated with the study of artists and art periods, both Historical, Western, Canadian, Contemporary and Christian artists. Issues dealing with social justice in the areas of censorship, public art and the environment will challenge the student to use critical thinking skills and problem-solving strategies. Current social and political events provide discussion and inspiration for personal expression. Students will analyze artworks and be encouraged to develop independent research topics. Units are supported and developed through a variety of journal and preliminary assignments focussing on the design process.

3O Visual Art

This description applies to the following two courses.

Ministry Course Description: This course focuses on studio activities in the visual arts, such as drawing, painting, sculpture, photography, printmaking, collage, and/or multimedia art. Students will use the creative process to create art works that reflect

a wide range of subjects and will evaluate works using the critical analysis process. Students will also explore works of art within a personal, contemporary, historical, and cultural context.

AWM30 - Visual Art: Drawing & Painting

*Prerequisite: AVI10

Ministry Course Description: See above.

HDCH Perspective: The open course in Grade 11 allows students to broaden their knowledge and skills in the visual arts that relate strongly to the workplace. It reflects their interests while providing a broad educational base and equipping students for active and rewarding participation in the visual arts. Students will be presented with opportunities to participate in meaningful artistic production in the areas of drawing, design, advertising, painting and photography, producing a portfolio of finished artworks. Students will explore career options and be challenged to use critical thinking skills and creative problem-solving strategies as they deal with social issues and the role of Christians in the arts. Students will critique and analyze artworks, and make comparisons between artworks. Each unit will focus on the design process with emphasis on the elements and principles of design. Units are supported by the sketchbook/journal, which will serve as a source of inspiration and include preliminary and preparatory work. Integrated with the studio component will be the study of artists and art periods from the Western Renaissance to the Modern Period as well as art from Canada and other parts of the world.

AWP30 - Visual Art: Sculpture & Print Making

*Prerequisite: AVI10

Ministry Course Description: See above.

HDCH Perspective: This open course will allow students to broaden their knowledge and skills in the visual arts that relate to the workplace. Students will be presented with opportunities to participate in meaningful artistic production as design elements are applied to: assemblage, relief and 3-d sculptures, silkscreen/and relief printmaking. Students will learn basic welding techniques and apply these skills in creating a 3-d sculpture using found objects and scrap metal. The studio component of the course will be complemented by and integrated with the study of

artists and art periods from a variety of backgrounds and cultures. Issues dealing with social justice in the areas of censorship, public art and the environment will challenge the student to use critical thinking skills and problem-solving strategies. Current social and political events provide discussion and inspiration for personal expression. Students will analyze artworks and be encouraged to develop independent research topics. Units are supported and developed through a variety of journal and preliminary assignments focussing on the design process.

AVI4M - Visual Art

*Prerequisite: AWM3M/30 or AWP3M/30 (it is advantageous to have both credits)

Ministry Course Description: This course focuses on enabling students to refine their use of the creative process when creating and presenting two- and three-dimensional art works using a variety of traditional and emerging media and technologies. Students will use the critical analysis process to deconstruct art works and explore connections between art and society. The studio program enables students to explore a range of materials, processes, and techniques that can be applied in their own art production. Students will also make connections between various works of art in personal, contemporary, historical, and cultural contexts.

HDCH Perspective: Students will begin by experimenting and exploring design, drawing and painting styles as a basis for the production of a body of artworks centered on a theme. They will evaluate artworks providing grounds for their aesthetic judgments. In addition to the study of cultural diversities in art, students will examine philosophies and ideas as presented by Christian art historians, artists and critics. The course will conclude with student promotion, self-portrait and a curated student art show.

Note: Senior Art students who have taken AWM3M/30 and AWP3M/30 may request to take an independent art credit in a specified area during the AVI4M course.

DRAMATIC ARTS

ADA20 - Dramatic Arts

Ministry Course Description: 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 drama. Through the students' exploration of the development of the theatre, they will come to an understanding of how theatre reflects their personal life experiences. By the end of the course, the students will have opportunity to experience the many varied aspects of production and presentation. Students will assume responsibility for decisions made in the creation and presentation of the drama, and will analyse and reflect on the experience.

HDCH Perspective: Drama is a wonderful medium because it offers such rich opportunities for students to explore different facets of their own experience as well as the experiences of others. God calls us to empathy. He calls us to creative expression. Drama allows us to engage our world in empathy and expression through performance and through creative decisions that enhance performance. Through both text and technique, students are encouraged to an awareness of their own gifts and to an appreciation for drama's ability to present and interpret human experience.

ADA3M - Dramatic Arts

*Prerequisite: ADA20

Ministry Course Description: This course requires students to create and perform in dramatic presentations. Students will analyse, interpret, and perform dramatic works from various cultures and time periods. Students will research various acting styles and conventions that could be used in their presentations, and analyse the functions of playwrights, directors, actors, designers, technicians, and audiences.

HDCH Perspective: The grade 11 drama course at HDCH strengthens student experience with drama as a creative, collaborative expression. Drama is the physical embodiment of story. By investigating drama across history and cultures, we gain insight into and empathy for the stories of other people in different places and times. Through the study of theatre history and modern acting theory students will analyze cultural shifts affecting theatre today. Through script analysis students will explore the relationship between page and stage. In our scene studies and text adaptation students will gain valuable experience in the creation of original and adapted work.

ADA4M - Dramatic Arts

*Prerequisite: ADA3M

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

HDCH Perspective: Drama as a discipline allows us to more fully explore creation and our place in God's plan for redemption. By using our bodies and voices to more effectively communicate, we gain valuable tools and experience in sharing our own stories. The ADA4M course at HDCH will allow students to experience the beauty and complexity of collaborative art. With a focus on Canadian theatre history and texts, it will provide students with the opportunity to create adapted and original dramatic texts, explore the role of director and designer, and evaluate their own and others' drama productions.

RELIGIOUS STUDIES

HRE13 - Old Testament Studies

HDCH Perspective: This Old Testament course features the inductive analysis of biblical textual material of the Old Testament in the context of the historical, cultural, and literary frameworks of the Ancient Near East. It develops the concepts of the Bible as the Word of God and teaches students responsible principles of interpretation. The remainder of the course gives students a solid overview of Old Testament redemptive history and an introduction to the major Hebrew divisions of the Scriptures. As they study the Scriptures, students will be challenged to live in obedience to God as a response to God's love for his people and all of creation. They will learn from the experiences of others as they are recorded in Scriptures.

Note: OACS has produced a 280-page course of studies for the teacher that provides detailed content, recommended activities, resources, and assessment and evaluation complete with student handouts.

HRE23 - New Testament Studies

*Prerequisite: HRE13.

Strongly Recommended: CHW3M

HDCH Perspective: This New Testament course continues the history of revelation and redemption begun in the Old Testament and teaches students the main genres of the New Testament canon. The study of the gospel of Matthew shows that Jesus is the fulfillment of the Old Testament and helps students to understand the continuity of the Old and New Testaments. The study of three letters of Paul shows three stages in the development of the

church as it dealt with three fundamental questions of faith and life: the relationship between Christianity and the Jewish faith and the return of the Lord; the application of Christian principles to issues of daily life such as food sacrificed to idols and marriage; and the defense of true doctrine and the government of the church. The study of the book of Revelation shows students that we are living between the ascension and the return of Jesus Christ and are actors in the script that is still being written. As they study this course, students will learn how to live out of the teachings of the Bible as they deal with life's issues.

Note: OACS has produced a 212-page course of studies for the teacher that provides detailed content, recommended activities, resources, and assessment and evaluation complete with student handouts.

HRE33 - Living as Christians in a Changing World

HDCH Perspective: This locally developed course helps students acquire a foundation for understanding the world by way of a Christian worldview. They will acquire a better understanding of themselves; of the conflicting forces within a pluralistic, secular society; and of God's purpose for them as Christian believers in this world.

Students will begin to evaluate ideas, values, and actions against the standard of biblical principles, and learn what it looks like to live according to that pattern. This course is therefore designed to confront students with the current prevailing society, and to invite them to positive Christian living in that society.

BUSINESS STUDIES

ACCOUNTING

BAI3E - Accounting Essentials

Ministry Course Description: This course introduces students to the accounting cycle of a service

business. Students will use computer applications software to record business transactions and to prepare financial statements. Students will also investigate banking and cash management, decision making, ethical behaviour, and career opportunities in the field of accounting.

HDCH Perspective: God calls us to live our lives with integrity. The application of basic accounting principles helps us to be honest and fair and helps us to be accountable to one another in our financial dealings. We strive to be good stewards and faithful servants and cultivate positive relationships in our personal financial activities, business activities, government dealings, and in our role as an employee and/or employer. Accounting can help us sort out how we should live in these areas.

BAF3M - Financial Accounting Fundamentals

Ministry Course Description: 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.

HDCH Perspective: God calls us to live our lives with integrity. The application of basic accounting principles helps us to be honest and fair and helps us to be accountable to one another in our financial dealings. We strive to be good stewards and faithful servants and cultivate positive relationships in our personal financial activities, business activities, government dealings, and in our role as an employee and/or employer. Accounting can help us sort out how we should live in these areas.

BAT4M - Financial Accounting Principles

*Prerequisite: BAF3M

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

HDCH Perspective: Given that the accounting theories and skills are presented within a Christian context, emphasis is placed on procedures and decision-making that reflects spiritual values. God calls us to live our lives with integrity. We strive to

be good stewards and faithful servants and cultivate positive relationships in our personal financial activities, business activities, government dealings, and in our role as an employee and/or employer. Accounting can help us sort out how we should live in these areas.

BDP30 - The Enterprising Person

Ministry Course Description: This course examines the importance of enterprising employees in today's changing business environment. Students will learn about the skills and attributes of enterprising employees, the distinguishing features of their work environments, and the challenges and rewards of becoming an enterprising person. Students will also have an opportunity to demonstrate and develop enterprising skills by planning and organizing a school or community event.

HDCH Perspective: Our community has many self-employed people involved in small- and medium-sized businesses. The Enterprising Person is a course that examines the importance of continuous learning while on the job. The course begins with being an employee who learns from others around them and ends with taking skills you have acquired to have success in your own venture. Students will discover how being a successful Christian business person can be a very rewarding calling.

INFORMATION TECHNOLOGY

BTT 10 - Information and Communication Technology in Business

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

HDCH Perspective: Day by day, technology is becoming more and more influential in our society. Computers are valuable resources for businesses, schools, and our homes. Through this course, the student will be able to utilize business software and

the Internet for professional, educational, and personal use. Furthermore, as Christians we are called to use the resources we are given to reflect our values and morals. Students in BTT10 will be able to utilize business technology so that their practices and computer use, reflect the God who has given us these resources. Through safe and ethical technological practices, students will be able to create an environment that upholds and glorifies God.

COMPUTERS

BTA30 - Information and Communication Technology: The Digital Environment

Ministry Course Description: 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 3-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 post-secondary studies.

HDCH Perspective: BTA30 provides students with the opportunity to explore the use of technology in a business environment. This course enables students to increase skills in computer competencies, digital organization and common business applications. Programs include word processing, spreadsheets, databases, electronic presentations, html editors and desktop publishers. Emphasis is placed on proper business formatting and communications. Students become familiar with electronic research, documentation, and copyright issues. This allows students to explore potential careers in an e-business environment. Furthermore, students explore the social, environmental and ethical issues associated with e-business. The simulated business unit gives students the knowledge and skills of starting and running an effective and secure e-business. Throughout the course, students will explore issues of technological impact on culture and develop a Christian view on development, advancement, and business.

ICS3U - Introduction to Computer Science

Ministry Course Description: This course introduces students to computer science. Students will design software independently and as part of a team, using

industry-standard programming tools and applying the software development life-cycle model. They will also write and use subprograms within computer programs. Students will develop creative solutions for various types of problems as their understanding of the computing environment grows. They will also explore environmental and ergonomic issues, emerging research in computer science, and global career trends in computer-related fields.

HDCH Perspective: This course will introduce students to computer science and programming from a Christian perspective while using a problem-solving approach. This perspective will be developed as students consider how they can influence software development, identify career directions, consider ethical issues in computer technology, and study the impact of computer technologies on society and culture. They will develop programming and problem-solving skills using various programming languages (Visual Basic, HTML, JavaScript).

ICS4U - Computer Science

*Prerequisite: ICS3U

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

HDCH Perspective: This course expands on the ICS3U course of developing computer programs to solve problems. Students look at issues in computer programming, how they can influence software development and how they are challenged to make their perspective visible in the workplace as they consider and identify career directions. Programming with a team and team/group dynamics is also investigated.

CANADIAN & WORLD STUDIES

GEOGRAPHY

CGC1P - Canadian Geography

Ministry Course Description: This course focuses on geographic issues that affect Canadians today. Students will draw on personal and everyday experiences as they learn about Canada's distinct and changing character and the natural and human systems and global influences that shape the country. Students will use a variety of geotechnologies and inquiry and communication methods to examine practical geographic questions and communicate their findings.

HDCH Perspective: The Christian vision regarding the value of creation and all living things is foundational to the study of the discipline of Geography. Understanding the process that shapes the earth and how life-forms interact with the environment and each other, are rooted in Stewardship, Solidarity, Justice, and the principle of Common Good. The essential areas of learning which are presented in this course enable students to act as responsible citizens and as informed Christians, and to make judgements about environmental and societal issues.

CGC1D - Canadian Geography

Ministry Course Description: This course explores Canada's distinct and changing character and the geographic systems and relationships that shape it. Students will investigate the interactions of natural and human systems within Canada, as well as Canada's economic, cultural, and environmental connections to other countries. Students will use a variety of geotechnologies and inquiry and communication methods to analyse and evaluate geographic issues and present their findings.

HDCH Perspective: The HDCH graduate will be able to examine, evaluate, and apply knowledge of interdependent systems (physical, ecological, and socio-economic) in order contribute in developing a just and compassionate society. This course will help to develop Christian citizens who: respect and affirm the diversity of the world's people; respect the environment; and promote wise stewardship of the resources God has entrusted to us.

CGU4U - Human Geography

*Prerequisite: CGC1D and any U, M or C course in Canadian world studies, English, or social sciences and humanities.

Ministry Course Description: This course examines how humans interact with their natural environments and with each other. Students will study the influence of spatial, political, economic, and social factors on settlement patterns, human migration, cultural change, globalization, and environmental trends. Students will use geotechnologies and skills of geographic inquiry and analysis to extend their knowledge of human geography and to identify and explain current trends and patterns, and predict future ones.

HDCH Perspective: The framework of creation - fall - redemption - restoration surrounds this analysis of humankind in the world today. This can allow us to make some sense of the difficulties that we experience and can allow students a reasoned hope for the future. Geography for Business and Mission offers students a grounding in God's truth where reconciliation is possible through Christ; through truth, hope is not "blind faith," but a sure knowledge and vision of a possible future. We probe restoration justice issues and equip students to operate as informed, compassionate and sensitive world travelers.

ECONOMICS

CIA4U - Economics

*Prerequisite: Advanced Senior Social Science

Ministry Course Description: This course investigates the nature of the competitive global economy and explores how individuals and societies can gain the information they need to make appropriate economic decisions. Students will learn about the principles of microeconomics and macroeconomics, apply economic models and concepts to interpret economic information, assess the validity of statistics, and investigate marketplace dynamics. Students will use economic inquiry and communication skills to analyse current economic issues, make informed judgements, and present their findings.

HDCH Perspective: Where ethical value judgments are made in economics, the values usually reflect those of the society's economic decision-makers. These values may, or may not, be consistent with the attitudes and values contained within the Christian faith. As a result, students are encouraged to evaluate economic decision-making in the light of scripture and to apply Christian values to the situation. Evaluations of this type provide an excellent opportunity for teachers to develop Christian values in students through questioning, discussion, and debate about how a different world and life view could be brought to bear on economic problems.

Christian learners are also encouraged to develop their gifts and abilities to promote growth toward personal responsibility in making economic choices. Unit topics allow students to develop moral, ethical, and realistic decision-making in an effort to become conscientious Christian citizens. For example, a student of economics should be aware of the need for social and economic justice at home and internationally. This concept of justice can be expanded to include choices at a micro-level. For example, when making investment or consumer product choices, students take into consideration the moral and ethical record of the company whose shares or products they may be purchasing. The question could be raised: Would these choices be consistent with Christian social and economic teaching?

HISTORY

CHC2P - Canadian History in the 20th Century

Ministry Course Description: This course explores some of the pivotal events and experiences that have influenced the development of Canada's identity as a nation from World War I to the present. By examining how the country has responded to economic, social, and technological changes and how individuals and groups have contributed to Canadian culture and society during this period, students will develop their ability to make connections between historical and current events. Students will have opportunities to formulate questions, locate information, develop informed opinions, and present ideas about the central issues and events of the period.

HDCH Perspective: By the time students reach Grade 10, they may find that they know very little about late 19th and 20th century Canadian history. Much of their knowledge of Canada's early past will have come from elementary school courses, thus leaving a large gap in their understanding of Post-Confederation history.

Our ability to make sense of our country's present issues is rooted in our understanding of past events and consequences. For our students, this understanding is a crucial stepping stone to develop into responsible citizens and faithful servants in the land God has given us. It is necessary for our students to discern patterns in post-Confederation history, regarding French-English relations, Native issues, World Wars, Economic Depression and prosperity, and Canada's role in global affairs, to enable them to make informed decisions as Canadians in the 21st century.

In order to achieve this goal of knowledge and understanding, inquiry and communication, students will participate in a variety of teaching strategies that encompass a wide range of learning styles, abilities and skills. A parallel goal in this course is to provide opportunities for students to achieve excellence by capitalizing on their individual strengths.

Hands-on activities, consistent applications to everyday life, and frequent comparison activities help to reinforce the value of learning the past to make better sense of the present.

CHC2D - Contemporary Canadian in the 20th Century

Ministry Course Description: This course explores some of the pivotal events and experiences that have influenced the development of Canada's identity as a nation from World War I to the present. By examining how the country has responded to economic, social, and technological changes and how individuals and groups have contributed to Canadian culture and society during this period, students will develop their ability to make connections between historical and current events. Students will have opportunities to formulate questions, locate information, develop informed opinions, and present ideas about the central issues and events of the period.

HDCH Perspective: By the time students reach Grade 10, they may find that they know very little about late 19th and 20th century Canadian history. Much of their knowledge of Canada's early past will have come from elementary school courses, thus leaving a large gap in their understanding of Post-Confederation history.

Our ability to make sense of our country's present issues is rooted in our understanding of past events and consequences. For our students, this understanding is a crucial stepping stone to develop into responsible citizens and faithful servants in the land God has given us. It is necessary for our students to discern patterns in post-Confederation history, regarding French-English relations, Native issues, World Wars, Economic Depression and prosperity, and Canada's role in global affairs, to enable them to make informed decisions as Canadians in the 21st century.

In order to achieve this goal of knowledge and understanding, inquiry and communication, students will participate in a variety of teaching strategies that encompass a wide range of learning styles, abilities and skills. A parallel goal in this course is to provide opportunities for students to achieve excellence by capitalizing on their individual strengths.

Hands-on activities, consistent applications to everyday life, and frequent comparison activities help to reinforce the value of learning the past to make better sense of the present.

CHW3M - World History to the 16th Century

*Prerequisite: CHC 2D

Ministry Course Description: This course investigates the history of humanity from earliest times to the sixteenth century. Students will analyse diverse societies from around the world, with an emphasis on the political, cultural, and economic structures and historical forces that have shaped the modern world. They will apply historical inquiry, critical-thinking, and communication skills to evaluate the influence of selected individuals, groups, and innovations and to present their own conclusions.

HDCH Perspective: As Christians we have a unique view on creation, humankind and the issues that challenge humanity. In this course students will explore the historical and religious roots of the great civilizations that have formed the foundations of

our Western Heritage. Cultural activity will be introduced as expressions of spiritual commitments with the aim of having students develop a Christian historical consciousness.

CHM4E - Adventures in World History

*Prerequisite: CHC2P or 2D

Ministry Course Description: This course explores a variety of human experiences in world history from earliest times to the present. Students will learn about a wide range of societies and cultures, examining such things as systems of government, technological developments, work, art, and religion. Students will apply methods of research and inquiry to examine human societies in many different times and places and to communicate points of view about their findings.

HDCH Perspective: This course examines a variety of human experiences in world history from the earliest times to the present age. The primary focus is on the gifts of ingenuity and inventiveness. The ability to create is a God-given gift, but, we will see, was and is not always used for his glory or the furtherance of his kingdom. Together we will also learn about a wide range of social, cultural, religious, economic, and political topics, including the rise of the Christian faith, technological improvements, cultural expressions, the formations of social and political structures, and the overall values of individualism and community. As well, we have been given opportunity to develop our awareness of human experiences, to practice analytical skills of analysis and communication, and to cultivate a lifelong interest in the adventure of world history.

CHY4U - Modern Western Civilization

*Prerequisite: Advanced senior division Social Science

Recommended: CHW3M and academic English

Ministry Course Description: This course investigates the major trends in Western civilization and world history from the sixteenth century to the present. Students will learn about the interaction between the emerging West and other regions of the world and about the development of modern social, political, and economic systems. They will use critical-thinking and communication skills to investigate the historical roots of contemporary issues and present their conclusions.

HDCH Perspective: This course investigates the major trends in Western Civilization and World history from the 16th century to the present. Students will learn about the interaction between the emerging West and other regions of the World, and about the development of modern social, political, and economic systems. They will use critical thinking and communication skills to investigate the Christian impact on the historical roots of contemporary issues and present their conclusions.

LAW

CLU3E - Canadian Law

Prerequisite: CHC2D or CHC2P

Ministry Course Description: This course gives students practical information about legal issues that directly affect their lives. Students will examine the need for laws in society, the roots of Canada's legal system, the rights and freedoms that people in Canada enjoy, and the basic elements of criminal law and dispute resolution. Through experiences such as mock trials, debates, and case studies, students will apply inquiry and communication skills to develop and express opinions on legal topics of interest to them.

HDCH Perspective: This course extends the development of attitudes and values based on Reformation social teachings in Ontario Christian School Graduates. Opportunities are given to students to integrate their faith with civic duty and responsibility. Students become familiar with events that are a part of the Church's history, such as the development of Mosaic Law and the moral

basis for the Canadian Constitution. When students examine the question of human rights they appreciate the relevance of Christian social justice teachings. This course involves activities that encourage students to act morally and legally as persons formed in the Reformed Christian traditions. Law course graduates will be effective communicators of the Good News of Jesus Christ in their attitudes and approaches to historical and contemporary issues involving the law.

CLN4U - Canadian and International Law

Prerequisite: Any U or C course in Canadian and World Studies or Social Sciences and Humanities

Ministry Course Description: This course examines elements of Canadian and international law in social, political, and global contexts. Students will study the historical and philosophical sources of law and the principles and practices of international law and will learn to relate them to issues in Canadian society and wider world. Students will use critical-thinking and communication skills to analyse legal issues, conduct independent research, and present the results of their inquiries in a variety of ways.

HDCH Perspective: This course examines elements of Canadian and International law in social, political and global contexts. Students will study the historical and philosophical sources of law and learn to relate them to issues in Canadian society and the wider world. Students will use critical thinking and communication skills to analyse legal issues, conduct independent research, and present the results of their inquiry in a variety of ways.

LANGUAGES

ENGLISH

ENG1P - English

Ministry Course Description: This course is designed to develop key oral communication, reading, writing and media literacy skills students need for success in secondary school and daily life. Students will read, interpret and create a variety of informational,

literary and graphic texts. An important focus will be on identifying and using appropriate strategies and processes to improve students' comprehension of texts and to help them communicate clearly and effectively. The course is intended to prepare students for the Grade 10 applied English course, which leads to college or workplace preparation courses in Grades 11 and 12.

HDCH Perspective: Students explore the power of words through the in-depth study of a novel, short stories, poetry, drama, and non-fiction and media excerpts. Students examine the ideas presented in the readings and determine how these notions either affirm or challenge Christian values. Through the study of fiction and non-fiction, students gain an appreciation for language's uses and its possibilities. In turn, students demonstrate their understanding of language's power through the thoughtful and meaningful use of words in their creative and literary writing. Essentially, students will understand that God gave us the gift of language to communicate and that our response is to communicate responsibly and to use it for his glory.

ENG1D - English

Ministry Course Description: This course emphasizes analytic 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 plays, short stories, 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. The course is intended to prepare students for the Grade 10 academic English course, which leads to university or college preparation courses in Grades 11 and 12.

HDCH Perspective: Language and literature are part of God's good gifts to us. Students in English 1D explore texts of increasing difficulty as part of their growing awareness of the complexity of God's creation. Our studies in drama, language, and story will further equip students to be passionate participants in that creation and will enable them to better express themselves and their viewpoints.

ENG2P - English

*Prerequisite: ENG1D/1P

Ministry Course Description: This course is designed to extend the range of oral communication, reading, writing, and media literacy skills that students need for success in secondary school and daily life. Students will study and create a variety of informational, literary, and graphic texts. An important focus will be on the consolidation of strategies and processes that help students interpret texts and communicate

clearly and effectively. This course is intended to prepare students for the compulsory Grade 11 college or workplace preparation course.

HDCH Perspective: Communication is a powerful and precious gift from God that is an essential part of our everyday world. In this course, we explore this gift through literary works such as a novel, a play, and poetry as well as the practical literature found in news reports, information texts, and graphic texts encountered in school, at home, and in the workplace. As we explore, we discover the ability that each of us has to reflect not only our intellectual and social confidence, but also our spiritual relationship to God and his world.

ENG2D - English

*Prerequisite: ENG1D/1P

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

HDCH Perspective: Through literature, the ENG2D student will begin to examine more closely the writer's craft – the importance of concrete language, the complexities of character, the recurrence of images. Students will be encouraged to model these same features in their own creative writing. Students will be led and encouraged to discern the author's particular world view and to evaluate it from their own Christian beliefs. In addition to focusing on the artistic and aesthetic nature of literature, students will also work on their own use of expository analytical writing.

ENG3C - English

*Prerequisite: ENG2D or ENG2P

Ministry Course Description: This course emphasizes the development of literacy, communication, and critical and creative thinking

skills necessary for success in academic and daily life. Students will study the content, form, and style of a variety of informational and graphic texts, as well as literary texts from Canada and other countries, and create oral, written, and media texts in a variety of forms for practical and academic purposes. An important focus will be on using language with precision and clarity. The course is intended to prepare students for the compulsory Grade 12 college preparation course.

HDCH Perspective: This course examines a variety of readings, including news articles, essays, short stories, sales brochures, reports, and a novel. Students will be encouraged to think critically about authors' perspectives and how they might compare or contrast with our own Christian understanding. Students will be encouraged to recognize the beauty of the gift of language, and to respond creatively. Students will also explore language and media, paying particular attention to the manner in which language and images can be used to manipulate and distort and to how a Christian might use language obediently.

ENG3U - English

*Prerequisite: ENG2D

Ministry Course Description: This course emphasizes the development of literacy, critical thinking, and communication skills. Students will analyse challenging texts from a variety of periods; 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. The course is intended to prepare students for the compulsory Grade 12 university or college preparation course.

HDCH Perspective: Students will continue to explore the gift of language as they read a novel, study a Shakespearean play and explore several short stories. Through these encounters with literature students will be challenged to consider their faith and tradition and to examine the role of the Christian in the world and in the Christian community. Students will also explore the development of the English language and be challenged to further develop their writing skills through narrative and expository writing. At the

end of the course, students will have a greater appreciation of language and its power in communicating ideas to those around us .

ENG4C - English

*Prerequisite: ENG3C/3U

Ministry Course Description: This course emphasizes the 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

HDCH Perspective: This course cultivates an attitude of responsibility towards the God-honouring use of language in terms of personal communication and current cultural awareness. As students read a novel, study a play, and view film clips and movies – all samples of the last five decades of entertainment development – they will grow to discern thematic direction in these media and to reflect on the meaning of Christian obedience in the face of culture's many alternative worldviews. On the practical level, students will engage in reading and writing and speaking assignments that help them master basic elements of style and organization for effective use in employment and other situations.

ENG4U - English

*Prerequisite: ENG3U

Ministry Course Description: This course emphasizes the consolidation of literacy, critical thinking, and communication skills. Students will analyse a range of challenging texts from various time periods, countries, and cultures. They will write analytical and argumentative essays, a major paper for an independent literary project, and they will apply key concepts to analyse media works. An important focus will be understanding academic language and using it coherently and confidently in discussion and argument. The course is intended to prepare students for university, college, or the workplace.

HDCH Perspective: In this course students will be asked to consider literature as an aesthetic response to human experience. Literature provides the means to explore the big questions of human existence such as, “What is man? What is my relationship to my fellow human beings? What is the nature of God? Where will I be after I die?” This course provides a framework to examine these questions from a reformed, Christian perspective. Therefore, both the form and the content of the literature is examined and analysed.

MEDIA

EMS30 - English Media

*Prerequisite: ENG2D/P

Ministry Course Description: This course emphasizes knowledge and skills that will enable students to understand media communication in the twenty-first century and to use media effectively and responsibly. Through analysing the forms and messages of a variety of media works and audience responses to them, and through creating their own media works, students will develop critical thinking skills, aesthetic and ethical judgement, and skills in viewing, representing, listening, speaking, reading, and writing.

HDCH Perspective: EMS 30 begins with the premise that we are living in a “media-saturated” culture. As a result, the media, largely operating on commercial principles, play a critical role in determining how we perceive God’s world. In light of the importance of media, students in Media studies are invited to think critically and independently about the impact of media on culture. Students will approach the media with the belief that God encouraged us to engage culture, to be active in observing it and participating in it. Students will ask questions about media from the basis of Biblical truth, hoping to find greater discernment of the risks and the possibilities of media in their culture. Students will engage media not only by analyzing past and current media works, but also by planning and creating a variety of their own media texts.

THE WRITER’S CRAFT

EWC 4U - English - The Writer’s Craft

*Prerequisite: ENG3U

Ministry Course Description: This course emphasizes knowledge and skills related to the craft of writing.

Students will analyse models of effective writing; use a workshop approach to produce a range of works; identify and use techniques required for specialized forms of writing; and identify effective ways to improve the quality of their writing. They will also complete a major paper as part of a creative or analytical independent study project and investigate opportunities for publication and for writing careers. *HDCH Perspective:* As an elective university level course, EWC4U offers students the opportunity to study the use of language as a highly stylized form of communication. The course begins with discussion on the purpose and power of language, as well as our responsibility towards using this powerful tool in God-honouring ways. The course focuses on keeping both a writer’s notebook and personal journal, with the emphasis being on developing self-confidence and discovering one’s voice. Students are encouraged to recognize the power and responsibility that is inherent in writing for an audience. Through publishing a school magazine, the students will experience the writing life and will use that experience to learn how the use of their voice can play a role in being active members of a community.

ENGLISH AS A SECOND LANGUAGE

ESLAO - Beginning Communication in English

Ministry Course Description: This course builds on students’ previous education and language knowledge to introduce them to the English language and help them adjust to the diversity in their new environment. Students will use beginning English language skills in listening, speaking, reading, and writing for everyday and essential academic purposes. They will engage in short conversations using basic English language structures and simple sentence patterns; read short adapted texts; and write phrases and short sentences. The course also provides students with the knowledge and skills they need to begin to adapt to their new lives in Canada.

HDCH Perspective: Students are led to recognize that language is God’s gift to people to help them communicate their thoughts and feelings and to enrich their lives. Learning a second language gives students expanded skills to understand and communicate with more of God’s people. As newcomers to Canada, the ability to communicate adds variety and significance to our lives.

ESLBO - English in Daily Life

*Prerequisite: ESLAO or equivalent

Ministry Course Description: This course extends students' listening, speaking, reading, and writing skills in English for everyday and academic purposes. Students will participate in conversations in structured situations on a variety of familiar and new topics; read a variety of texts designed or adapted for English language learners; expand their knowledge of English grammatical structures and sentence patterns; and link English sentences to compose paragraphs. The course also supports students' continuing adaptation to the Ontario school system by expanding their knowledge of diversity in their new province and country.

HDCH Perspective: The goal of this course is to build on the awareness of language as God's gift and develop more skills to enable the students to communicate with others in the world and to help them further understand the variety of God's world and their place in it.

ESLCO - English for School and Work

*Prerequisite: ESLBO or equivalent

Ministry Course Description: This course further extends students' skills in listening, speaking, reading, and writing in English for a variety of everyday and academic purposes. Students will make short classroom oral presentations; read a variety of adapted and original texts in English; and write using a variety of text forms. As well, students will expand their academic vocabulary and their study skills to facilitate their transition to the mainstream school program. This course also introduces students to the rights and responsibilities inherent in Canadian citizenship, and to a variety of current Canadian issues.

HDCH Perspective: In this course students will increase their study of the variety in God's world and the diversity in culture. They will recognize that the world is an imperfect place and will learn to express their thoughts and feelings about their world in both written and oral expression. This study will enhance the students' growth in responsibility for justice in this world.

ESLDO - Study Skills in English

*Prerequisite: ESLCO or equivalent

Ministry Course Description: This course prepares students to use English with increasing fluency and accuracy in classroom and social situations and to participate in Canadian society as informed citizens. Students will develop the oral-presentation, reading, and writing skills required for success in all school subjects. They will extend listening and speaking skills

through participation in discussions and seminars; study and interpret a variety of grade-level texts; write narratives, articles, and summaries in English; and respond critically to a variety of print and media texts. *HDCH Perspective:* Students in this course will further their recognition of cultural differences in the areas of family and social justice. Students will enhance their listening, speaking, writing, and reading skills to enable them to express their Christian values as they apply to the given circumstances of family and social justice. This study promotes Christian growth in, knowledge, and responsibility for justice, peace, and compassion.

ESLEO - Bridge to English

*Prerequisite: ESLDO or equivalent.

Ministry Course Description: This course provides students with the skills and strategies they need to make the transition to college and university preparation courses in English and other secondary school disciplines. Students will be encouraged to develop independence in a range of academic tasks. They will participate in debates and lead classroom workshops; read and interpret literary works and academic texts; write essays, narratives, and reports; and apply a range of learning strategies and research skills effectively. Students will further develop their ability to respond critically to print and media texts.

HDCH Perspective: In this bridging course, students read two challenging works to enable them to further discover the scope of their Christian responsibility in the areas of compassion and Christian integrity vis-à-vis race relations. Students' enhancement of their reading, writing, listening, and speaking skills will help them express their respect for all of God's people in the areas of compassion, tolerance, and justice in a variety of cultural settings.

FRENCH

FSF1P - French

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

HDCH Perspective: The goal of language instruction in a Christian school is to help deepen the student's understanding of God, who gives us language as a tool

for communication and as a means to discern His word and purpose for our lives. Moreover, language study is of particular value in Canada, which has two official languages and numerous heritage languages. Studying French prepares students for citizenship in Canada and affirms our richness and diversity.

FSF1D - French

Ministry Course Description: 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, social 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.

HDCH Perspective: Believers recognize that God created people of many cultures, races, and languages. The study of another language helps students to understand and appreciate people of other cultures. This course will enable students to become effective communicators in French, and encourage them to speak, write and listen honestly and sensitively, responding critically in the light of Scripture. Appropriate Scripture passages are used to contextualize themes such as the media, friends, part-time jobs, and the environment.

FSF2D - French

*Prerequisite: FSF1D

Ministry Course Description: 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.

HDCH Perspective: This course is designed to help students of French to continue to grow in appreciation for the wonderful gift of language that God has given us. As students become more proficient in their ability to communicate they will be encouraged to think, speak, and write in ways that reflect Gospel values. This course will prepare them for the unique enriching experience of visiting Montreal or Quebec City in Grade 11.

FSF3U - French

*Prerequisite: FSF2D

Ministry Course Description: 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 their reading of a variety of materials, including a short novel or a 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.

HDCH Perspective: It is because of the gift of language that we are able to communicate with those around us. This brings significant meaning to our lives. We study French to understand francophones – in Canada and elsewhere – people who express themselves differently from us and whose cultures are different from our own. In doing so, we broaden our perception of the world and the people who live in it. We acknowledge the richness and diversity of human expression and recognize speakers of all languages as image-bearers of God.

FSF4U - French

*Prerequisite: FSF3U

Ministry Course Description: 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 are emphasized throughout the course.

HDCH Perspective: As a Christian faith community, we acknowledge and affirm the uniqueness of each person and the diversity of cultures. The study of French is a step towards becoming an effective communicator in both of Canada's official languages, improving students' understanding of self and society. This study promotes individual growth, responsible citizenship and respect for the Christian teachings of peace, justice, solidarity, and compassion.

GUIDANCE AND CAREER EDUCATION

WORLD OF WORK

COOP - Cooperative Education

HDCH Perspective: The Cooperative Education program is designed to help students discover and develop the talents they have been given by God. Students will be encouraged to understand the life-long nature of vocation through workplace experience. Students will also consider ethical business practices, effective stewardship, and workplace professionalism. Finally, students will be encouraged to recognize the relationship between work and worship, regardless of calling.

CAREERS

GLC20 - Guidance and Career Studies (1/2 credit)

Ministry Course Description: 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 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.

HDCH Perspective: This half-credit course is designed to get students thinking about their educational and vocational futures. Students explore exciting career options that fit their God-given abilities and personalities. Students start by investigating who God made them to be and how they fit into the larger community in which God places them. Students then look at their career goals and plans and at the skills they need to achieve them. Students will also explore different career and post-secondary options. Finally, students will take a hands-on approach to preparing individual plans and portfolios.

CIVICS

CHV20 - Civics (1/2 credit)

Ministry Course Description: This course explores what it means to be an informed, participating citizen

in a democratic society. Students will learn about the elements of democracy in local, national, and global contexts, about political reactions to social change, and about political decision-making processes in Canada. They will explore their own and others' ideas about civics questions and learn how to think critically about public issues and react responsibly to them.

HDCH Perspective: This half-credit course will enable students to act in responsible service for God by examining the context and meaning of effective citizenship. They will explore what it means to serve as responsible Christians in local, national, and global settings. Through an investigation of the purpose and role of government, they will be equipped to serve as knowledgeable citizens, prepared to act critically and creatively in a democratic society.

LEADERSHIP AND PEER SUPPORT

GPP30 - Leadership and Peer Support

*Prerequisite: GLC20

Ministry Course Description: 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.

HDCH Perspective: This course is designed to allow students an opportunity to serve their peers and their school while exploring a variety of themes related to building an effective community. It provides, in a concrete way, a chance for students to be obedient to Christ's call for us to love our neighbours as ourselves. The course prepares and motivates students to provide leadership and assistance to others in their school and communities. Students will develop skills in communication, interpersonal relations, coaching, leadership, teamwork, and conflict management, and apply them in various service opportunities throughout the semester. Students will also learn the importance of contributing to their communities

and helping students throughout their lives. The course is designed to follow two main strands: the theoretical and the practical. The theoretical part of the course explores the dynamics of human relationships and endeavours to find a Biblically-based, healthy model of interaction. The course also

investigates human development and examines a variety of educational and social obstacles a person may encounter. The practical component of the course allows the student to apply his or her new skills in a variety of settings, including tutoring and participating in school activities.

MATHEMATICS

JUNIOR MATH

MF1P - Foundations of Mathematics

Ministry Course Description: This course enables students to develop an understanding of mathematical concepts related to introductory algebra, proportional reasoning, and measurement and geometry through investigation, the effective use of technology, and hands-on activities. Students will investigate real-life examples to develop various representations of linear relations, and will determine the connections between the representations. They will also explore certain relationships that emerge from the measurement of three-dimensional figures and two-dimensional shapes. Students will consolidate their mathematical skills as they solve problems and communicate their thinking.

HDCH Perspective: When God created the world, He did so with a plan. From the beginnings of the earth, to His Son, Jesus Christ, to you and me – God had a plan, and a purpose. Through this course you will understand that the study of Mathematics reveals a God who often works through logic and design. As you study mathematical relationships, data patterns, and figures you will see a reflection of a logical and infinite God. And as God's plan had a purpose, so does mathematics. Math is more than basic logic and relationships. It has a function and is full of fascinating applications that we use every day.

MP1D - Principles of Mathematics

Ministry Course Description: This course enables students to develop an understanding of mathematical concepts related to algebra, analytic geometry, and measurement and geometry through

investigation, the effective use of technology, and abstract reasoning. Students will investigate relationships, which they will then generalize as equations of lines, and will determine the connections between different representations of a linear relation. They will also explore relationships that emerge from the measurement of three-dimensional figures and two-dimensional shapes. Students will reason mathematically and communicate their thinking as they solve multi-step problems.

HDCH Perspective: Mathematics reflects the order and beauty that we see built into all of creation by God. In this course you will see increasingly pattern and design in the area of numerical and spatial relationships. Just as all things that God created have purpose, so the study of mathematics leads to all manner of fascinating and practical applications in many areas of life. Work diligently, grow in your understanding, and appreciate this important aspect of the wonderful creation God has made.

MF2P - Mathematics

*Prerequisite: MF1P/MP1D

Ministry Course Description: This course enables students to consolidate their understanding of linear relations and extend their problem-solving and algebraic skills through investigation, the effective use of technology, and hands-on activities. Students will develop and graph equations in analytic geometry; solve and apply linear systems, using real-life examples; and explore and interpret graphs of quadratic relations. Students will investigate similar triangles, the trigonometry of right triangles, and the measurement of three-dimensional figures. Students will consolidate their mathematical skills as they solve problems and communicate their thinking.

HDCH Perspective: Students will apply Christian values to pose and solve problems, to make logical decisions, and to become critical thinkers who share their abilities for the benefit of all in their classroom and school community. A supportive mathematics classroom provides a caring and sensitive environment where the dignity and value of all students is respected and affirmed as they grow in confidence in their mathematical abilities. Mathematical investigations will promote a respect for God's creation and an understanding of the need to use resources wisely.

MPM2D - Mathematics

*Prerequisite: MPM1D

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

HDCH Perspective: The study of numbers, relationships, equations, and patterns in general, is the basis of mathematical models that assist us in seeing and understanding our world, God's creation. The operations and methods learned in Grade 9 are extended and applied in new ways. It is hoped that MPM2D will help students see more clearly the order and beauty that are part of God's general revelation in creation.

SENIOR MATH

MCF3M - Functions and Applications

*Prerequisite: MPM2D or MFM2P

Ministry Course Description: 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 applications. Students will reason mathematically and communicate their thinking as they solve multi-step problems.

HDCH Perspective: The study of mathematics is the study of relationships and patterns. Through MCF3M, students will continue to experience how God reveals Himself through logical patterns and relational design. This course introduces financial applications and the corresponding relationship to sequences and series, builds on the concept of functions, and extends the theory of trigonometry. Through this course, students will experience the uniqueness and complexity of mathematics, yet experience how everything in Mathematics is related – helping students to understand the interactive complexity of God's creation.

MCR3U - Functions

*Prerequisite: MPM2D

Ministry Course Description: 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 determining equivalent algebraic expressions. Students will reason mathematically and communicate their thinking as they solve multi-step problems.

HDCH Perspective: Mathematics is filled with patterns that display the order and beauty that are built into all of creation by God. In this course students will encounter some of these patterns as well as the practical applications derived from them. Through this course, students will experience the uniqueness and complexity of mathematics, yet experience how everything in Mathematics is related – helping students to understand the interactive complexity of God's creation.

MBF3C - Foundations for College Mathematics

*Prerequisite: MFM2P

Ministry Course Description: This course enables students to broaden their understanding of mathematics as a problem-solving tool in the real world. Students will extend their understanding of quadratic relations; investigate situations involving exponential growth; solve problems involving compound interest; solve financial problems connected with vehicle ownership; and develop their ability to reason by collecting, analysing, and

evaluating data involving one variable; connect probability and statistics; and solve problems in geometry and trigonometry. Students will consolidate their mathematical skills as they solve problems and communicate their thinking.

HDCH Perspective: HDCH is an academic community in which teachers, students, and members confess that human beings are called to be image-bearers reflecting God's justice, righteousness, and holiness in every area of life. It is the school's task to help students search out and gain insight in all facets of life including those in the financial realm.

MEL3E - Mathematics for Work & Everyday Life

*Prerequisite: MFM1P or MPM1D

Ministry Course Description: 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.

HDCH Perspective: In this course, students examine and reflect on personal goals and aspirations and understand them in the context of the world around them. As they develop reasoning and critical thinking skills, they are better able to apply Christian values to pose and solve problems, to make informed decisions, and to contribute to the well being of their local and world community. They realize that, as they become informed and conscientious citizens they make choices that affect their own lives as well as others in the community at large.

MEL4E - Mathematics for Everyday Life

*Prerequisite: MEL3E

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

apply geometric concepts to create designs. Students will consolidate their mathematical skills as they solve problems and communicate their thinking.

HDCH Perspective: This course encourages students to develop their God-given gifts and abilities to promote growth toward personal responsibility in preparation for their role in society. Emphasis will be placed on moral, ethical, and realistic decision-making in an effort to build responsible citizenship. Students will learn to make rational decisions in regard to personal budgets, probabilities, major purchases, and accommodations. The end result of this course is students who are prepared not only to participate in society, but also to contribute to it through an educated decision-making process.

MCT4C - Mathematics for College Technology

Prerequisite: MCF3M or MCR3U

Ministry Course Description: This course enables students to extend their knowledge of functions. Students will investigate and apply properties of polynomial, exponential, and trigonometric functions; continue to represent functions numerically, graphically, and algebraically; develop facility in simplifying expressions and solving equations; and solve problems that address applications of algebra, trigonometry, vectors, and geometry. Students will reason mathematically and communicate their thinking as they solve multi-step problems. This course prepares students for a variety of college technology programs.

HDCH Perspective: Through the investigation and exploration of various mathematical models, students are challenged to discover a deeper understanding and appreciation of the mathematical nature of the world as God's creation. These underlying mathematical principles provide the student with the tools to address possible problems and investigate potential solutions to situations around them. The classroom environment emphasizes collaboration rather than competition in communicating these ideas and thoughts.

MAP4C - College and Apprenticeship Mathematics

Prerequisite: MBF3C, MCF3M

Ministry Course Description: This course enables students to broaden their understanding of real-world applications of mathematics. Students will

analyse data using statistical methods; solve problems involving applications of geometry and trigonometry; solve financial problems connected with annuities, budgets, and renting or owning accommodation; simplify expressions; and solve equations. Students will reason mathematically and communicate their thinking as they solve multi-step problems. This course prepares students for college programs in areas such as business, health sciences, and human services, and for certain skilled trades.
HDCH Perspective: This course will equip students with the knowledge and skills needed for most college and apprenticeship programs. Students will use their God given gifts to analyse and interpret different mathematical situations. Through this course, students will be equipped to employ mathematics in practical ways. They will use math to analyse and solve statistical problems; problems involving geometry, measurement, and trigonometry; problems involving financial mathematics; and problems in other areas as well. Through this course, students will grow in their understanding and appreciation of how math has practical applications in God's world.

CALCULUS

MCV4U - Calculus and Vectors

Prerequisite: MHF4U can be taken concurrently with or can precede MCV4U.

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

rational analysis are seen as gifts from the Creator to be used and enjoyed. The training of the intellect ensures that all knowledge can be scrutinized and the divine and the human more deeply understood. In this sense, knowledge is illuminated with the light of faith.

FUNCTIONS

MHF4U - Advanced Functions

Prerequisite: MCR3U

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

Ministry Course Description: This course extends students' experience with functions. Students will investigate the properties of polynomial, rational, logarithmic, and trigonometric functions; develop techniques for combining functions; broaden their understanding of rates of change; and develop facility in applying these concepts and skills. Students will also refine their use of the mathematical processes necessary for success in senior mathematics. This course is intended both for students taking the Calculus and Vectors course as a prerequisite for a university program and for those wishing to consolidate their understanding of mathematics before proceeding to any one of a variety of university programs.
HDCH Perspective: As well as providing a foundation and framework for further studies in the area of mathematics, this course provides opportunity to reflect on intricate mathematical relationships that assist us in seeing and understanding our world, God's creation.

DATA MANAGEMENT

MDM4U - Mathematics of Data Management

Prerequisite: MCF3M or MCR3U, Functions, Grade 11, University Preparation, or Functions and Applications, Grade 11, University/College Preparation

Ministry Course Description: This course broadens students' understanding of mathematics as it relates to managing information. Students will apply methods for organizing large amounts of information; apply counting techniques, probability, and statistics in modeling and solving

problems; and carry out a culminating project that integrates the expectations of the course and encourages perseverance and independence. Students planning to pursue university programs in business, the social sciences, or the humanities will find this course of particular interest.

HDCH Perspective: The study of numbers, relationships, equations and patterns in general is the basis of mathematical models that assist us in seeing and understanding our world, God's creation.

PHYSICAL AND HEALTH EDUCATION

PPL10F - Healthy Active Living Education (Girls)

PPL10M - Healthy Active Living Education (Boys)

Ministry Course Description: This course emphasizes regular participation in a variety of physical activities that promote lifelong healthy active living. Students will learn movement skills and principles, ways to improve personal fitness and physical competence, and safety and injury prevention. 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.

HDCH Perspective: Through Healthy Active Living Education students learn to appreciate the health and well-being of the entire person from a physical, social, emotional, intellectual and spiritual perspective. In addition, students gain respect for the many different ways and levels in which we have all been gifted by God. This course encourages respect for the dignity and welfare of self and others and promotes the living of Christian values.

PPL10F - Healthy Active Living Education (Girls)

PPL10M - Healthy Active Living Education (Boys)

Ministry Course Description: This course emphasizes regular participation in a variety of physical activities that promote lifelong healthy active living. Students will learn movement skills and principles, ways to improve personal fitness and physical competence, and safety and injury prevention. 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.

HDCH Perspective: Through Healthy Active Living Education students learn to appreciate the health and well-being of the entire person from a physical, social, emotional, intellectual and spiritual perspective. In addition, students gain respect for the many different ways and levels in which we have all been gifted by God. This course encourages respect for the dignity and welfare of self and others and promotes the living of Christian values.

PAL30 - Healthy Active Living Education (Sports Specific)

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

HDCH Perspective: The PAL30 course focuses on sports offered in the school's athletic program. Students will be encouraged to consider how playing and striving for excellence in sports is a great way to use our skills to celebrate and enjoy the life God has given us. They will learn how to compete at a higher level of play with a focus on individual and team strategies used in badminton, soccer, basketball and

volleyball. Students learn to appreciate the health and well-being of the entire person from a physical, social, emotional, intellectual, and spiritual perspective. This course provides a forum where students can develop and implement Christian values and moral decision-making skills. They will also have the opportunity to develop leadership skills through coaching and referring opportunities.

PPL30 - Healthy Active Living Education (Recreational)

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

HDCH Perspective: The PPL30 course focuses on recreational activities and sports. Playing sports and participating in recreational activities are great ways to celebrate and enjoy the life God has given us. Students will have the opportunity to play golf, slo-pitch, curling, tennis, and other recreational activities which will encourage them to develop a lifelong physical and spiritual wellness program. In the course, students learn to appreciate the health and well-being of the entire person from a physical, social, emotional, intellectual, and spiritual perspective. This course provides a forum where students can develop and implement Christian values and moral decision-making skills.

PPL40 - Healthy Active Living Education (Co-Ed)

Ministry Course Description: 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' interests throughout their lives. Students develop and implement personal physical fitness plans. In addition, they are 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.

HDCH Perspective: This is a co-ed course that focuses on fitness and non-traditional sports as ways to improve all areas of our health. Students will participate in a variety of non-traditional sports and fitness activities encouraging them to remain active and make physical activity a regular part of their lives. A ten week fitness program in the weight room is a major component of the course. Students will examine and reflect on their personal attitudes, values, actions, abilities, and aspirations influencing life choices and opportunities that support a healthy active lifestyle. They are challenged to use Biblical principles to make wise decisions and to live a life of service in response to God's great love for them. Students also have the opportunity to exercise servant Christian leadership while working effectively as interdependent team members, respecting the rights, responsibilities, and contributions of self and others.

PPL40F - Healthy Active Living Education (Girls)

Ministry Course Description: 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' interests throughout their lives. Students develop and implement personal physical fitness plans. In addition, they are 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.

HDCH Perspective: This is a course for females only that focuses on fitness and non-traditional sports as ways to improve all areas of our health. Students will participate in a variety of non-traditional sports and fitness activities encouraging them to remain active and make physical activity a regular part of their lives. Students examine and reflect on their personal attitudes, values, actions, abilities, and aspirations influencing life choices and opportunities that support a healthy active lifestyle. They are challenged to use Biblical principles to make wise decisions and to live a life of service in response to God's great love for them. Students also have the opportunity to exercise servant Christian leadership while working

effectively as interdependent team members, respecting the rights, responsibilities, and contributions of self and others.

PSE4U - Exercise Science

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

Ministry Course Description: 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.
HDCH Perspective: Exercise Science challenges

students to understand the importance of human movement and factors that affect the development of all humans. Students work as interdependent team members to critically assess material and present it to their peers. Students show initiative and leadership in the development of projects and activities for youth. This course will challenge students to be sensitive to others and accept that each individual is a gift from God with something to offer. Christian beliefs are reinforced as students analyse the relationship of society and culture in sports. In identifying issues in society related to sport, such as violence, cheating, exploitation, and equality, students examine their morals and values as a person formed in Christian traditions. Students accept accountability for themselves and their actions as they set and achieve goals. Class debates and discussions contribute to the understanding and acceptance of others and of others' ideas and opinions.

SCIENCES

GENERAL

SNC1P - Science

Ministry Course Description: This course enables students to develop their understanding of basic concepts in biology, chemistry, earth and space science, and physics, and to apply their knowledge of science to everyday situations. They are also given opportunities to develop practical skills related to scientific investigation. Students will plan and conduct investigations into practical problems and issues related to the impact of human activity

on ecosystems; the structure and properties of elements and compounds; space exploration and the components of the universe; and static and current electricity.

HDCH Perspective: Studies in science help students learn to be reflective, critical and creative thinkers, as well as discerning believers. They will be equipped to make appropriate decisions in light of Christian values and Biblical teachings for the good of their fellow human beings and Creation as a whole.

SNC1D - Science

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

HDCH Perspective: This course helps students to become reflective and critical thinkers so that, as they learn scientific theories and how these theories are applied, they can make appropriate decisions in light of Christian values and Biblical teachings. Through the study of four different strands of science, students will be able to appreciate and praise God as creator and become better equipped to act as stewards of the creation.

SNC2P - Science

*Prerequisite: SNC1D/IP

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

HDCH Perspective: This course leads students to see God's hand in the world around them and to marvel at creation's intricacy and complexity. The study of the basic concepts of biology, chemistry, physics, and climate change, will enrich their knowledge of science, affirm their faith in the Creator, and empower them to be effective stewards of creation.

SNC2D - Science

Prerequisite: SNC1P/1D

Ministry Course Description: This course enables students to enhance their understanding of concepts in biology, chemistry, earth and space science, and

physics, and of the interrelationships between science, technology, society, and the environment. Students are also given opportunities to develop further their scientific investigation skills. Students will plan and conduct investigations and develop their understanding of scientific theories related to the connections between cells and systems in animals and plants; chemical reactions, with a particular focus on acid-base reactions; forces that affect climate and climate change; and the interaction of light and matter.

HDCH Perspective: The study of the knowledge of science helps students to learn, to be reflective, critical and creative thinkers, as well as discerning believers who understand the theories of science and can apply them to the world around them, yet make appropriate decisions in light of Christian principles for the good of their fellow human beings. Through the study of the techniques of science, particularly experimentation, students learn to be collaborative contributors to an interdependent team, respecting the rights, responsibilities, and contributions of others. Overall through this course, students become aware of the sacramental dimension of the physical world in all its aspects and their role as stewards of God's creation.

BIOLOGY

SBI3C - Biology

*Prerequisite: SNC2P/2D

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

HDCH Perspective: The major theme running through the course is "Variation, God's design for Creation". The student is challenged to study the topics from that perspective. A goal of this course is to allow the student to experience God's word as we find it in 1 Corinthians 12 "One Body, Many Parts" and in Psalms 104 "How Many are your Works, Oh Lord...", in a new and exciting way.

SBI3U - Biology

*Prerequisite: SNC2D

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

HDCH Perspective: One of the ways in which we gain appreciation for God the creator and the world as his handiwork is by knowing something of the variety and relationships God has built into creation. This course celebrates the variety that exists in creation and the ways in which God used variety to give beauty and stability to creation. The course focuses on the theoretical aspects of the topics under study, refining skills related scientific investigation, while reaffirming the words of Psalm 104:24, "How many are your works, O Lord! In wisdom you made them all...".

SBI4U - Biology

*Prerequisite: SBI3U

*Strongly Recommended: SCH3U

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

HDCH Perspective: We believe that one of the prime ways to know God is through his works of creation. Students will learn that the interrelationship between structure and function provide clear evidence that God designed creation in wisdom. They will also develop their investigatory skills through researching, designing and conducting experiments. They will focus on the theoretical aspects of the topics under study and link the concepts they learn to technological applications. They will learn that in our research and application, we are called to serve God, others, and creation as part of our loving service to God.

CHEMISTRY

SCH3U - Chemistry

*Prerequisite: SNC2D

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

HDCH Perspective: As informed Christians, we wish to understand God's active role in the development of the created earth, its systems and laws. By examining the reactivity of compounds found in nature, students develop a wonder of creation, a respect for the environment, and a sense of awe at the order of it all.

SCH4U - Chemistry

*Prerequisite: SCH3U

Ministry Course Description: This course enables students to deepen their understanding of chemistry through the study of organic chemistry, energy changes and rates of reaction, chemical systems and equilibrium, electrochemistry, and atomic and molecular structure. 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.

HDCH Perspective: As informed Christians, we wish to understand God's active role in the development of the created earth, its systems and laws. By examining chemical reactions at a deeper level, students continue in their wonder of creation, and develop an understanding of the patterns to be found in our world.

PHYSICS

SPH3U - Physics

Prerequisite: SNC2D

Ministry Course Description: This course develops students' understanding of the basic concepts of physics. Students will explore kinematics, with an emphasis on linear motion; different kinds of forces,

energy transformations; the properties of mechanical waves and sound; and electricity and magnetism. They will enhance their scientific investigation skills as they test laws of physics. In addition, they will analyse the interrelationships between physics and technology, and consider the impact of technological applications of physics on society and the environment.

HDCH Perspective: One way that God reveals Himself to us is through the Creation. It is important for students to be impressed with the fact that they are surrounded by a Creation of matter and energy and that they are a part of, and interact with, the Creation. Through the study of physics, students have the opportunity to discover the laws which govern the universe and the interrelationships between these laws. One can then stand in deeper humility and wonderment before the Author of all things.

The Grade 11 Physics course is designed to provide students with a solid foundation in a variety of physics related topics that will enable them to understand physical concepts, apply scientific techniques, handle equipment intelligently and safely, appreciate the application and implications of physics in technology, and society, and to recognize God's Hand in Creation. In this course, students will look for meaning in the interactions of scientists, industry, the environment, and all living things. Furthermore, references to physics related careers will be discussed.

SPH4U- Physics

*Prerequisite: SPH3U

Ministry Course Description: This course enables students to deepen their understanding of physics concepts and theories. Students will continue their

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

HDCH Perspective: One way that God reveals Himself to us is through the Creation. It is important for students to be impressed with the fact that they are surrounded by a Creation of matter and energy and that they are a part of, and interact with, the Creation. It is the intent of the Grade 12 level Physics course, therefore, to provide the opportunity for students to discover the physical laws and relations inherent to the Creation. Students will appreciate the order and symmetry that God has instilled throughout His universe.

The Grade 12 Physics course is designed to provide students with an extended, solid foundation in a variety of physics related topics, largely introduced in the Grade 11 Physics course. This will enable them to understand physical concepts, apply scientific techniques, handle equipment intelligently and safely, appreciate the application and implications of physics in technology, and society, and to recognize God's Hand in Creation. In this course, students will look for meaning in the interactions of scientists, industry, the environment, and all living things. Furthermore, references to physics related careers will be discussed.

SOCIAL SCIENCES & HUMANITIES

FOOD AND NUTRITION

HFN20 - Food & Nutrition

Ministry Course Description: This course explores the factors that affect attitudes and decisions about food, examines current issues of body image and food marketing, and is grounded in the scientific study of nutrition. Students will learn how to make informed food choices and how to prepare foods, and will investigate our Canadian food heritage and

food industries, as well as global food issues. The course also introduces students to research skills related to food nutrition.

HDCH Perspective: In this course students will be encouraged to adopt eating patterns and lifestyles that reflect Christian stewardship principles. They will explore the factors that affect attitudes and decisions about food as they relate to individual family needs, nutritional health, body image, and Canadian/Global food issues. Students will be introduced to research, critical thinking and creative skills as they relate to the

scientific study of food and nutrition. By investigating agricultural food production and global food issues they will be encouraged to develop a compassionate attitude to those in need. Students will acquire skills as they participate in food labs, individual and group work presentations.

CONSUMER STUDIES

HIR3C - Managing Personal & Family Resources

Ministry Course Description: This course explores how to use human, material, and community resources effectively, and how to make informed choices with respect to clothing purchases, finance, food and nutrition, housing, and transportation. Students will learn the dynamics of human interaction; how to make responsible choices in their transition to postsecondary education and careers; and strategies to enable them to manage time, talent, and money effectively. This course also introduces students to skills used in researching and investigating resource management.

HDCH Perspective: This course deals with the consumer's responsible use of material resources in the light of God's Word. The information can only be fully understood in the acceptance of a God who commands us not to worry about tomorrow because His care and providence are perfectly sufficient to meet all of our daily needs. The challenge for students is to take the knowledge of this course and use it in loving practical ways towards those around them, for His glory.

FAMILY STUDIES

HHS4M - Individuals & Families in a Diverse Society

*Prerequisite: Any U, C or M course in Social Sciences & Humanities or Canadian and World Studies or English

Ministry Course Description: This course applies current theories and research from the disciplines of anthropology, psychology, and sociology to the study of individual development, family behaviour, intimate and parent-child relationships, and the ways in which families interact within the diverse Canadian society. Students will learn the interpersonal skills required to contribute to the well-being of families, and the investigative skills required to conduct and evaluate research about individuals and families.

HDCH Perspective: A focus of this course is on the experience of family and the sociological realities of family in Canada today. In addition, emphasis is placed on the family in our Christian community and

ideals for Christian living within families. The Scriptures provide norms for the kinds of behaviours expected within families, and these norms are addressed in discussion of various life-stage roles that are held over a lifetime within families. The theme of empowerment as service of others for their benefit and good development is explored and applied to all life stages. In essence, the course strives to enable students to live a life of Christian faith inside their significant family relationships, be they present or future.

WORLD RELIGIONS

HRT 3M - World Religions: Beliefs, Issues, & Religious Traditions

*Recommended: HRE 13

Ministry Course Description: This course enables students to discover what others believe and how they live, and to appreciate their own unique heritage. Students will learn about the teachings and traditions of a variety of religions, the connections between religion and the development of civilizations, the place and function of religion in human experience, and the influence of a broad range of religions on contemporary society. This course also introduces students to skills used in researching and investigating world religions.

HDCH Perspective: Mosques, temples and shrines. Tao, Buddha and Mohammed. The diverse, multi-cultural Canadian landscape is in many ways also becoming more multi-religious. How should Christians in Canada respond? With dismay and disappointment or with the recognition that we have something to learn from encounters with people of different faith, or perhaps even with excitement that this challenge will give us an opportunity to learn more about the meaning of the Christian message? Answering these kinds of questions must begin with a better understanding of the basic beliefs and commitment of the major world religious traditions. With this course, students will be better equipped to discern the significance of world religions in the contemporary world, and better able to appreciate the uniqueness of Jesus Christ in a world of other gods.

PHILOSOPHY

HZT4U - Philosophy: Questions & Theories

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

Ministry Course Description: 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. The course will also help students refine skills used in researching and investigating topics in philosophy.

HDCH Perspective: This course addresses a range of the "big questions" asked by philosophers from

ancient times to the present, as they considered such issues as the nature of truth, a just social order, and the certainty of knowledge. Students will learn how to think critically about key issues in three or more major areas such as metaphysics, epistemology, aesthetics, political philosophy, logic and ethics. They will encounter the ideas of the major thinkers from influential philosophical traditions, learn to shape their own ideas and responses, and apply insights to contemporary issues and problems. The course will also encourage students to develop discernment in evaluating various philosophical positions and proposals from a Biblical perspective.

TECHNICAL EDUCATION

TRANSPORTATION TECHNOLOGY

TTJ20 - Transportation Technology

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

HDCH Perspective: As God calls us to be stewards of creation, we must understand how transportation systems function and how their use affects the world we live in. We can also look at how properly maintained equipment limits the negative consequences and maximizes output from the resources consumed. Throughout the course, we will explore the creation God has given us, and how He has blessed us with opportunities and abilities to manipulate and convert some of creation's many components.

MANUFACTURING TECHNOLOGY

TMJ20 - Manufacturing Technology

Ministry Course Description: This course introduces students to the manufacturing industry by giving

them an opportunity to design and fabricate products using a variety of processes, tools and equipment. Students will learn about technical drawing, properties and preparation of materials, and manufacturing techniques. Student projects may include a robotic challenge, a design challenge, or a fabrication project involving processes such as machining, welding, vacuum forming, or injection moulding. Students will develop an awareness of environmental and societal issues related to manufacturing, and will learn about secondary and post-secondary pathways leading to careers in the industry.

HDCH Perspective: This introductory course is intended to be personally challenging, and to provide students with the invaluable "hands-on" experience of creating a quality product from simple raw materials using an open-ended Design/Build process. This experience will enable each student to see and explore the God-given skills and abilities they may never have previously known they had.

TWJ3E - Custom Woodworking

*Recommended: TMJ20

Ministry Course Description: This course enables students to develop knowledge and skills related to cabinet making and furniture making. Students will gain practical experience using a variety of the materials, tools, equipment, and joinery techniques associated with custom woodworking. Students will learn to create and interpret technical drawings and will plan, design, and fabricate projects. They will also develop an awareness

of environmental and societal issues related to the woodworking industry, and explore apprenticeships, post-secondary training, and career opportunities in the field that may be pursued directly after graduation. *HDCH Perspective:* This advanced woodworking course is intended to further challenge students to explore and develop the skills and abilities God has given them, skills that are so much in need in today's construction and manufacturing industries. Senior students will learn the importance of being able to work independently and efficiently, and to develop leadership and instructional skills as they assist junior woodworkers in the production of student projects. The knowledge and variety of technical and communication skills gained from this design/build process can be applied to any number of career opportunities within the woodworking/manufacturing industry.

TCJ3E - Construction Technology

Ministry Course Description: This course enables students to develop technical knowledge and skills related to carpentry, masonry, electrical systems, heating and cooling, and plumbing for residential construction. Students will gain hands-on experience using a variety of materials, processes, tools, and equipment to design, lay out, and build projects. They will create and read technical drawings, learn construction terminology, interpret building codes and regulations, and apply mathematical skills as they develop construction projects. Students will also develop an awareness of environmental and societal issues related to construction technology, and will explore post-secondary and career opportunities in the field. *HDCH Perspective:* This course is designed to be of benefit, not only to those pursuing a career in the skilled trades, but also for those who simply wish to become home owners themselves one day, and to successfully face the challenges that home ownership often brings. Students will be given a variety of mock and actual building and/or repair situations both within and outside of the shop environment. By working closely with one another through these challenges, students will learn to develop their God-given skills and talents so they can tackle just about any basic construction, renovation or repair project.

TECHNOLOGICAL DESIGN

TDJ 20 - Technological Design

Ministry Course Description: This course provides

students with opportunities to apply a design process to meet a variety of technological challenges. Students will research projects, create designs, build models and/or prototypes, and assess products and/or processes using appropriate tools, techniques, and strategies. Student projects may include designs for homes, vehicles, bridges, robotic arms, clothing, or other products. Students will develop an awareness of environmental and societal issues related to technological design, and learn about secondary and post-secondary education and training leading to careers in the field. *HDCH Perspective:* This course introduces students to the fundamental elements of technological design. Students are challenged to view their world and the things around them in a new way, from a new perspective, as through the eyes of a *designer*. Students will learn to recognize the refinement and complexity of even the simplest of products. And they will explore and develop their God-given skills, not only to *describe* what they find in their world, but as *visionaries* they will learn to find new ways of making good products and services even better.

COMMUNICATION TECHNOLOGY

TGJ20 - Communications Technology

Ministry Course Description: This course introduces students to communications technology from a media perspective. Students will work in the areas of TV/video and movie production, radio and audio production, print and graphic communications, photography, interactive new media and animation. Student projects may include computer-based activities such as creating videos, editing photos, working with audio, cartooning, developing animations, and designing web pages. Students will also develop an awareness of environmental and societal issues related to communications technology and will explore secondary and post-secondary education and training pathways and career opportunities in the various communications technology fields. *HDCH Perspective:* The goal of Communication Technology is to enable students to develop and utilize their gifts and talents while creating products that benefit our community. The focus of the curriculum is to enable students to become critical and innovative problem solvers within the field of communication technology. An emphasis on process as well as results ensures that students create products and provide services that recognize our God-given responsibility to respect the dignity and value of the individual and the community.

Curricular Canon

Developing a Christian Mind Which Integrates Faith and Knowledge

At every grade level, students at Hamilton District Christian High School shall be given the opportunity to develop a Christian mind which integrates faith and knowledge. The curriculum will equip students for a lifetime of service by enabling them to do the following:

Acquire Vision

To develop a sense of hope in God and awe of His greatness

To understand God's active role in the development of the created earth, its systems and laws, and to understand how people respond

To understand the presence of God in the development of communities, nations, and cultures

To recognize oneself as an image bearer of God and learn that meaning and purpose of life is based on a living relationship with the Lord

Develop Discernment

To acquire a knowledge of Scripture and to understand that Scripture is normative for living

To identify and discern truth and to separate truth from non-Christian mindsets

To interpret, contextualize, and respond to various media, technologies and modes of communication

To interpret, contextualize, and respond to events as they occur around the world

Build Community

To develop empathy, identify injustice, and become empowered to act accordingly

To understand the working of the public spheres of politics, marketplace, and economy

To contribute to the development of, and service toward, community

To develop responsibility towards self, family and friends

Explore and apply gifts

To develop an awareness of abilities, gifts, and talents

To develop a sense of calling and an obedient attitude toward work and vocation

To foster an ethical approach to workplace, business, resources and professional relationships

Acquire and develop skills

To develop physical skills, healthy models for living, and the wise use of leisure time

To learn to think independently and critically and to develop strong research and problem-solving skills

To understand logic, order, and numeracy

To understand how to communicate clearly and creatively

To develop an appreciation of craft and creativity, a sense of delight in the works of the hand and mind



Hamilton District Christian High

92 Glanaster Road, Ancaster, Ontario L9G 3K9
905.648.6655 www.hdch.org info@hdch.org