

Welcome to your 2011-2012 school year – we are glad that you have chosen a Catholic education for your high school learning journey!

You will learn and grow in so many ways during this coming year. We have passionate and talented staff that will guide you in your academic, spiritual, social and physical growth, preparing you for a bright future. Whether you are looking to enter directly into the workforce, complete an apprenticeship or pursue post-secondary education at college or university, I know you will leave this high school prepared for success.

This is truly a special time in your life – a time filled with many important choices that will affect your future. One of the keys to success is careful planning and consideration of the kinds of courses you would like to take while you are here. That is why we have prepared this iPlan course calendar. In this document, you will find useful information to help make your planning a little easier.

Being able to experience faith-filled learning is a special gift and we hope you will take full advantage of everything a Catholic education offers. I wish you all the best for a successful and enriching school year.

Sincerely,

Michael O’Keefe  
Director of Education

Welcome to Patrick Fogarty Catholic Secondary School. The staff of Patrick Fogarty is dedicated to providing our students with an educational experience that will best prepare them for their future. Our school is committed to providing unique and engaging opportunities that will assist all students in their continued growth in faith, curriculum excellence and co-curricular involvement. The Patrick Fogarty community continues to offer students opportunities in and outside the classroom that exemplify our commitment to excellence! We are grateful to the staff and families that continue to choose Patrick Fogarty as their place of work and learning.

This handbook contains information about the programs offered at Patrick Fogarty. It is essential that Parents/Guardians and students review this information closely. The staff of Patrick Fogarty, including the Student Success teachers, Guidance counselors and administration are excited to assist you in making best decision possible. We encourage you to attend information sessions, speak to members of the school community and then choose to join us in September 2011. We look forward to welcoming you into the Patrick Fogarty family!

Frank Kewin  
Principal

Carolyn Healy  
Vice-Principal

Kim Jackson  
Vice-Principal

# iWELCOME

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High school is an important and exciting time in your life. It is a time to grow and learn both spiritually and academically, it is a time to meet new friends, participate in fun activities and choose a path for your future. Some of the choices you make right now will affect your future and that is why we have prepared this course calendar to help you make wise and informed choices in planning for life after high school.

For more information, we encourage you to visit the Simcoe Muskoka Catholic District School Board website at [www.smcdsb.on.ca](http://www.smcdsb.on.ca)

## Our Vision

Our Board's vision is our commitment to you as you continue your learning journey in your Catholic high school:

*We are a faith-filled Catholic learning community dedicated to excellence.*

did you know?

The Simcoe Muskoka Catholic District School Board has a great website with an informative student section. In this section you will find a host of information related to attending a Catholic high school. There are resources to help you while you are at school as well as information to prepare you for the future. There are even job-finding tips and details about what you need to do to get your drivers' licence. Check it out at [www.smcdsb.on.ca](http://www.smcdsb.on.ca)

## Our Mission

The Catholic schools of Simcoe County and the District of Muskoka, rooted in a rich tradition of faith, family and community values, are committed to education as lifelong growth. Our response to personal and societal challenges has helped to form a vibrant school system which is resolute in its

commitment to academic excellence nurtured within a faith-filled Catholic environment. As communities of faith, Catholic schools are called to be visible signs of Christ in the modern world.

The Gospel calls our Catholic school system to service, preserving the richness of our heritage, while meeting the challenges of an ever-changing society by:

- Fostering the development of self-motivated, unselfish, responsible students
- Inviting staff, parents and clergy to active participation in our school community
- Accepting the responsibility of participation
- Living joyous faith-filled lives which call others to witness to the faith
- Communicating openly
- Respecting and enhancing individual rights and dignity

Making choices for your future isn't always easy. As a Catholic high school, we recognize that every student is created in the image of God with unique gifts, interests, goals and strengths. We appreciate your individuality as a student and want to make sure you are provided with every opportunity to succeed while you are here.

## Pathways to Success – What’s Your Destination?

There are so many options of things to do once you have completed high school – perhaps you want to enter the world of work, train for an apprenticeship or pursue post-secondary education at college or university. Whatever path you choose, it is important to start planning now so that you can be better prepared for the future.

We want to provide you with a high school program that complements and prepares you for your future aspirations. Regardless of the destination, we are here to work with you to ensure you are prepared for success.

## Exploring Your Interests

Your opportunities for success are endless. The labour market is facing an aging workforce, rapid technological changes, demands for new skills and a shortage of qualified employees. These are all good reasons to start thinking about your post-secondary future.

With lots of available opportunities, you have the benefit of choosing a destination (workplace, apprenticeship, college or university) that best suits your interests and abilities.

## Choosing the Right Courses

We are here to help you make wise and informed choices and encourage you to research and gather as much information as possible to help you plan for your post-secondary career. Throughout high school, you will be required to take both compulsory and elective courses. Choosing your courses is an exciting, but sometimes overwhelming experience. You want to choose courses that interest you and help you prepare for your life after high school.

**Your interests, skills,  
goals, needs and  
preferred learning  
style(s)**



**Appropriate  
courses and their  
curriculum  
expectations**



**The knowledge, skills, and  
experiences necessary to  
make a successful  
transition to a specific  
post-secondary  
destination**



**Your Program  
Pathway**

# iPLAN MY FUTURE

Occupational Area	Career Attributes	Workplace or On-the-job Training Gr 9 &10-L courses Gr 11&12-E courses	College and/or Apprenticeship Gr 9&10-P courses Gr 11&12 courses	University Gr 9&10-D courses Gr 11&12-U or M courses
<b>Art &amp; Culture</b>	be artistic, creative educate and entertain	photographer, library assistant, stage assistant, set builder, props person, actor, film & TV crew, singer, clown, puppeteer, artisan, picture framer, craftsman	writer, journalist, agent, producer, director, musician, singer, artist, sign language interpreter, library technician, taxidermist, photographer, announcer, cartoonist, graphic designer, key grip, interior designer, aircraft designer, radio broadcaster	librarian, curator, writer, editor, book reviewer, journalist, reporter, fundraiser, agent, interpreter, translator, producer, director, film editor, dancer, conductor, composer, musician, singer, actor, artist, photographer
<b>Business, Finance and Administration</b>	influence people manage organizations	receptionist, data input clerk, office assistant, file clerk, bank clerk, mail room clerk, insurance rater, letter carrier, shipper, messenger, store supervisor, head custodian, meat cutter, sales person, flight attendant, hotel desk clerk, recreation guide, auto detailer, cleaner, security guard, grocery clerk, funeral home attendant, hotel valet	manager, supervisor, human resource officer, recruiter, payroll officer, event planner, office manager, legal secretary, court reporter, stenographer	senior manager, supervisor, accountant, auditor, financial analyst, portfolio manager, investment analyst, personnel officer
<b>Health Recreation and Sport</b>	work with people care for others' well-being	hospital service worker, ambulance attendant, reflexologist, dental record assistant, orderly, pharmacy assistant, health care aide, fitness instructor, athlete, lifeguard, ski patrol & instructor, coach, sports official, referee	massage therapist, optician, dental hygienist, recreational therapist, dentist, medical lab assistant, veterinary assistant, x-ray technician, licensed practical nurse	doctor, dentist, veterinarian, optometrist, chiropractor, pharmacist, dietitian, nutritionist, audiologist, speech therapist, physiotherapist, nursing supervisor, registered nurse, medical lab technologist
<b>Natural and Applied Sciences</b>	explore ideas work in labs do complex calculations	electrician helper, zookeeper assistant, meteorological inspector, avalanche controller, climate data processor, air pilot, air traffic controller, first mate, ferryboat master, railway traffic controller, marine traffic regulator	land surveyor, data analyst, administrator, software design engineer, web designer, programmer, computer game software developer, chemical technician, geological technician, help desk technician, computer and network operator, software tester, veterinary assistant	physician, astronomer, chemist, geologist, biologist, botanist, toxicologist, forester, agronomist, agriculture specialist, engineer, architect, property planner, surveyor, mathematician, statistician, computer professional
<b>Sales and Service</b>	work with people serve others	store supervisor, head custodian, meat cutter, sales person, purser, flight attendant, ticket agent, hotel desk clerk, casino occupation, recreation guide, upholstery cleaner, auto detailer, office cleaner, dry cleaner, security guard, grocery clerk, funeral home attendant, hotel valet	travel agent, firefighter, police officer, chef, cook, baker, barber, butcher, hairstylist, funeral director, housekeeping manager, tour guide supervisor, retail buyer	retail manager, food service, accommodation, protective service
<b>Social Sciences, Education, Religion and Government</b>	work with economic, political and social organizations	driving instructor, driver's licence examiner	recreation & fitness consultant, law clerk, paralegal, child & youth worker, community service worker, family service worker, career & employment counsellor, early childhood education assistant, daycare worker	judge, lawyer, professor, teacher, psychologist, social worker, family counsellor, probation officer, ergonomist, economist, marketing researcher, human rights officer, health care policy researcher, anthropologist, geographer, historian
<b>Trades, Transport, Primary Industry, Utilities, Processing and Manufacturing</b>	work with hands and work with machines	assembly line worker, labourer, construction trades helper, waterworks & gas maintenance worker, pest controllers & fumigator, heavy equipment operator, transit driver, machinery operator, miner, gas well driller farmer, breeder, greenhouse worker, skid operator, chainsaw operator, boat assembler, finisher, repairer, painter, mechanical assemblers	automotive technician, tool & dye worker, contractor, electrician, trade supervisor, cable worker, TV technician, plumber, welder, blacksmith, carpenter, bricklayer, roofer, painter, mechanic, electric appliance repairer, tailor, upholsterer, jeweler, greenhouse manager, forest fire fighter, chemical processing supervisor	manager, engineer, architect

## What You Need to Graduate

### The Credit System

All secondary school programs in the province of Ontario are based on a credit system. You must earn a total of 30 credits in order to graduate from high school. One credit is equal to a 110 hour course that you must successfully complete.

In order to receive a high school diploma (also known as the Ontario Secondary School Diploma – OSSD) you must successfully earn the following combination of credits:

### Compulsory Credits

- 4 credits in English (1 credit per 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
- 1/2 credit in civics and 1/2 credit in career studies

### Plus:

- 1 additional credit in English, or French as a second language or a Native language, or a classical or international language, or a social science and the humanities, or Canadian and world studies, or guidance and career education, or cooperative education
- 1 additional credit in health and physical education, or the arts, or business studies, or French as a second language, or cooperative education
- 1 additional credit in science, or technological education, or French as a second language, or computer studies, or cooperative education

### Plus:

- 4 credits in religion – as a member of a Catholic school community, you will be required to take four religion courses, one each year of high school.

### 8 Optional Credits

These optional or elective credits will allow you to build an educational program that suits your individual interests and meets university, college,

apprenticeship or work requirements, as well as continue your growth in faith.

### 40 Hours of Community Involvement Activities

You must complete a minimum of 40 hours of unpaid community involvement activities at any time throughout your secondary program.

This requirement is to be completed on your own time, outside of normal classroom hours. All students are required to maintain and provide a record of their community involvement activities using the school forms that are provided. Your principal will decide whether you have met the requirements for both the Ministry of Education and the Board for these activities.

As part of the Catholic education system, we believe that completing 40 hours of community service is a wonderful way to demonstrate your commitment to

iPlan  
**TIP**

You will be able to choose your own community involvement activities within the guidelines that are provided. Find details about community involvement activities from your guidance counsellor.

growing in faith. Through community involvement activities, you will be able to live and reflect upon the morals and values of our Catholic teachings.

### Ontario Secondary School Literacy Test

Students in Ontario are required by the provincial government to take the Ontario Secondary School Literacy Test (OSSLT) in Grade 10 and must pass the test in order to receive their OSSD. Students who do not complete the test successfully will receive additional help to prepare them for re-testing in the following school year. Students who have been eligible to write the OSSLT at least twice, and have been unsuccessful at least once, may fulfill this

# iPLAN TO GRADUATE

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requirement through the Ontario Secondary School Literacy Course (OLC 40). This course may also count as the Grade 12 English compulsory credit.

## **Certificate of Education/Certificate of Accomplishment**

If you do leave high school without achieving all of your necessary credits, we could grant you an Ontario Secondary School Certificate (often called a Certificate of Education). To receive a Certificate of Education, you will need 14 credits including:

- 7 compulsory credits
- 7 elective credits

The 7 compulsory credits include:

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

Students who leave school before fulfilling the requirements for the OSSD or the Certificate of Education may be granted a Certificate of Accomplishment.

Both the Certificate of Education and the Certificate of Accomplishment recognize achievements and can be used for those students who plan to take certain vocational programs, other kinds of further training or who plan to find employment after leaving school.

did you know?

**WORKPLACE** – You may decide to enter the workforce after high school. Our cooperative education programs strive to integrate classroom learning with on-the-job training in a real work environment – the world of work.

- The world of work is rapidly changing and the jobs of the future will belong to people who have the right skills, attitudes and behaviours
- Chances of employment are higher for those who have completed high school and opportunities for advancement are greater when there is additional training
- Everyone is going to work...we just choose to enter the workforce at different stages of our lives
- Job security improves for those who can anticipate, make and manage change

## **Prior Learning Assessment and Recognition**

If you have acquired knowledge and skills outside an Ontario classroom (both formally or informally), you will be able to have your skills and knowledge evaluated against the curriculum expectations in order to earn credits toward your OSSD. If you have knowledge or skills that you would like to be used to achieve credits, you will have to undergo a formal evaluation and accreditation called Prior Learning Assessment and Recognition

(PLAR). For more information, speak to your guidance counsellor.

## **Measuring Achievement**

Our faith values play an important role in measuring your achievement. Our assessment and evaluation practices recognize each student as an individual who, through God, possesses unique gifts and experiences.

Teachers use a variety of techniques to measure your achievement including tests, assignments, demonstrations and projects. We base our measurement on

curriculum learning expectations set out by the Ministry of Education.

There is a policy on assessment, evaluation and reporting. Its primary objective is improving the learning of all students. We use this policy to establish expectations for our teachers and principals and to help develop practices that will lead to improved learning for all of our high school students.

For more information on Measuring Student Achievement, please visit our Board's website at [www.smcdsb.on.ca](http://www.smcdsb.on.ca)

## Report Cards

The province of Ontario has developed a consistent report card format for all students. This report will help you understand your achievement of curriculum expectations and learning skills. The report card is intended to be a formal piece of communication between students, the school and parents.

High school report cards are distributed two times per semester:

- Late November and early February for Semester 1
- Late April and end of June for Semester 2

## Ontario Student Record

The Ontario Student Record (OSR) documents your educational progress while you are enrolled in school. In fact, the OSR is required for any student attending a school in the province of Ontario.

The Ministry of Education has developed The *Ontario Student Record Guideline*, which very specifically outlines how your OSR is to be handled. The Simcoe Muskoka Catholic District School Board is responsible for making sure that the policies outlined in this guide are followed. Your principal is responsible for establishing, maintaining,

transferring and disposing of the OSR for every student.

## Ontario Student Transcript

The Ontario Student Transcript (OST) was developed to provide every high school student in Ontario with an official and consistent record of secondary school credit courses. The OST is kept in your OSR and is retained for 55 years after you leave school. The OST contains three sections:

- General information, such as date of issue, name, student number, date of birth and school last attended
- Academic information, which includes information like course title, grade level, percentage mark and credit
- Diploma information that includes information about community hours, literacy test, specialized programs and diploma or certificate awarded.

## Special Education

We believe that all students are created in the image of God and bring with them their own unique gifts and talents. We value students with different learning needs and work hard to meet those needs within an inclusive environment. We will provide appropriate programs and services in a flexible, respectful and inclusive way so that all students can be successful.

Students who have been identified through the Individual Placement Review Committee (IPRC)

iPlan  
**TIP**

For more information about Individual Placement Review Committee (IPRC), Individual Education Plan (IEP), Special Education Advisory Committee (SEAC), and our philosophy of inclusion, please visit the Special Education section of our Board website at [www.smcdsb.on.ca](http://www.smcdsb.on.ca)

# iPLAN TO GRADUATE

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process will continue to be supported throughout high school.

## Student Success Initiatives

We know that you have unique interests, goals and strengths and should be given every opportunity to succeed in high school. We are working closely with the province of Ontario to implement its Student Success Strategy to help you achieve your very best.

Student Success is all about improving student achievement and increasing program options and flexibility so that all students can be successful in high school. Our student success teacher plays an important role in helping you understand the full range of program options available.

## Cooperative Education

Cooperative education (co-op) is a unique program that brings academic study together with practical workplace experience. A co-op credit will provide you with an excellent opportunity to test-drive a job for part or all of a school day. Co-ops are beneficial regardless of the program or level of study you are taking. These credits will offer you experience to steer you in a particular direction for education or for work following high school.

A typical co-op placement will have you working two or four periods a day (two or four credit packages). You will work with your co-op teacher on developing a personalized placement learning plan, which provides the framework for your co-op.

While students spend most of their time at a workplace, they do complete an in-school pre-placement session and participate in integration days with their co-op teacher.

As part of the Student Success Strategy, we are able to offer you expanded co-op opportunities. You can apply two co-op credits toward compulsory graduation requirements. This broadens opportunities for learning and gives you a chance to start working and testing career options. These credits are applied to your 18 compulsory credits required for

graduation.

## Ontario Youth Apprenticeship Program

Ontario Youth Apprenticeship Program (OYAP) lets a co-op student begin to learn a skilled-trade while completing a high school diploma. A co-op student may be signed to an apprenticeship agreement with an employer at the time of his/her placement. Students graduate with a diploma, a whole new skill set, experience in the real working world, and a head start on a skilled profession.

If you are at least 16 years of age, enrolled in school full-time and have at least 16 credits, you may be eligible for OYAP. We are looking for students who are mature, dependable, punctual and committed to learning. You must be willing to meet

did you know?

**APPRENTICESHIP – You may choose to enter a skilled-trade once you have finished high school – this path is becoming a very attractive career option for many students.**

- An apprenticeship is a combination of on-the-job training and in-class instruction that normally takes between two and five years to complete
- Apprentices earn a salary for the work they do while they develop skills under the instruction of an experienced worker
- Skilled trades are found in virtually every aspect of Ontario's economy and are in high demand in our rapidly changing workforce
- There are more than 130 skilled trades found in five areas including construction, industrial, motive power, service and agriculture



# iPLAN MY HIGH SCHOOL PROGRAM

employer and school expectations. Please see the Guidance Department for more information.

## Faith Based Learning

Our Catholic values play an important role in how we deliver our high school programs. We believe that Catholic education fosters the search for knowledge as a lifelong spiritual and academic quest. We will provide you with a unique learning experience that emphasizes our Catholic beliefs while recognizing other world religions. We work to nurture your spirituality while preparing you for your post-secondary destination.

## Course Coding System

ENG	1	D
The first three characters of course codes are issued by the Ministry of Education and relate to the subject and course being identified	The fourth character indicates the grade level, in this case 1 refers to Grade 9, i.e., offered in year one or Grade 9	The fifth character refers to the type of course, in this case D is the course code for academic D – academic P – applied U – university preparation M – university/college preparation C – college preparation E – workplace preparation O – open courses

Every high school course is identified with a five-character code, for example ENG1D.

Depending on what you plan to do after graduation, you will need to choose different types of courses. Due to activities associated with some courses, additional fees may apply. Please see your guidance counsellor for details.

## Types of Courses in Grades 9 and 10

In disciplines like the arts, health and physical education and business studies, all students will take the same type of course, called an open course. In the core subjects like mathematics or English, you will be able to choose between the academic or applied stream. Courses in the academic stream draw more heavily on theory and abstract thinking,

while applied courses focus more on practical applications and concrete examples.  
Applied Courses – Course Code P

These courses focus on the essential learning concepts of the subject. You will develop knowledge and skill through both theory and practical applications, but the focus will be on practical applications. Familiar, real-life situations will be used to illustrate ideas and opportunities will be given to students to experience hands-on applications of the concepts studied.

Academic Courses – Course Code D

Academic courses focus on the essential learning concepts of the subject, plus additional related concepts. Although students will develop knowledge and skills in the subject 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 – Course Code O

There are also open courses which are appropriate for all students. These courses may be taken to meet compulsory or optional requirements for graduation, or they may be taken for your personal interest.

Locally Developed Compulsory Credit Courses – Course Code L

We may also offer Ministry of Education approved locally developed courses in English, mathematics, history and science for students who require additional background knowledge and skills. These courses may be counted as compulsory credits.

iPlan TIP

Just because you are in a particular grade doesn't mean that you can't consider courses in other grades. As long as you have met the prerequisites for the course, and it is right for you, you are welcome to choose it.

# iPLAN MY HIGH SCHOOL PROGRAM

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Speak to your guidance counsellor for more information.

## Types of Courses in Grades 11 and 12

In Grades 11 and 12, you can choose university preparation, university or college preparation, college preparation, workplace preparation and open courses.

### University Preparation Courses – Course Code U

These courses will give you the knowledge and skills needed to meet the entrance requirements for university programs. Teaching and learning will emphasize theoretical aspects of the course content, but will also include concrete applications.

### University/College Preparation Courses – Course Code M

These courses are designed to give you the knowledge and skills needed to meet the entrance requirements of specific university and college programs. Teaching and learning will emphasize both theoretical aspects and related concrete applications of the course content.

### College Preparation Courses – Course Code C

These courses will provide you with the knowledge and skills needed to meet the entrance requirements for college programs. Teaching and learning will emphasize concrete applications of the theoretical material covered in the course, and will also emphasize the development of critical-thinking and problem-solving skills.

### Workplace Preparation Courses – Course Code E

These courses are designed to give you the knowledge and skills needed for you to directly enter the workplace or for admission to apprenticeship and other training programs offered in the community. Teaching and learning will emphasize workplace applications of the course content, but will also explore the theoretical material that underlies these practical applications. Cooperative education and work experience placements within the community are important components.

### Open Courses in Grades 11 and 12

Open courses in Grades 11 and 12 will allow you to broaden your knowledge and skills in a particular subject that may or may not be directly related to your post-secondary goals. These courses usually reflect your interests. They are appropriate for all students regardless of post-secondary destination. These courses are designed to provide students with a broad educational base and to equip them for active and rewarding participation in society. They are not designed with the specific requirements of university or college programs or the workplace in mind. Over the course of your four years in high school, your interests and goals might

did you know?

**UNIVERSITY** – Choosing a degree and a university is an important decision. There are 19 publicly assisted universities in Ontario.

- A university is for higher education and research. It provides students with the opportunity for undergraduate degrees, professional degrees and graduate degrees
- Courses are usually theoretical in nature
- Students who go to university usually begin by pursuing a four year undergraduate or professional degree and then may decide to pursue a masters or doctorate degree, which may take an additional two to seven years
- Many university students decide to attend college after graduating university to get more hands-on experience or further certification

did you know?

**COLLEGE** – There are more than 100 college campuses across Ontario and many others outside the province that could provide you with an opportunity to develop the skills that can lead to rewarding careers in business, applied arts, technology, and health sciences.

- Colleges offer diplomas, which usually take two to three years to complete and certificate courses, which are typically one year
- Some colleges offer applied degrees that combine practical experience with a theoretical foundation
- Some colleges and universities have joint programs that allow students to earn a university degree and college diploma at the same time
- Some colleges offer pre-apprenticeship and cooperative apprenticeship diploma programs

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change as you gain experience and learn about new career options.

## e-Learning

The Simcoe Muskoka Catholic Virtual Learning Centre (SMCVLC) offers you an opportunity to enroll in on-line courses. Taking a course through SMCVLC means you are provided with space in your timetable, a computer with Internet access at your school, and daily support from an on-line teacher to help you successfully complete the course. Taking a course on-line is not for everyone. However, if you are a self-starter, an independent learner, and someone who enjoys working with the computer and its on-line communication tools, then the SMCVLC may be right for you.

### Semester 1

CIA4UE	Current Economic Issues	ICS3UE	Computer Science
EWC4UE	The Writer's Craft	CHV2OE	Civics
HZT4UE	Philosophy	GLC2OE	Career Studies

### Semester 2

BAT4ME	Financial Accounting	FSF4UE	French
CGW4UE	Canadian and World Issues	ICS4UE	Computer Science
CHY4UE	World History	MCT4CE	Math for College
CHV2OE	Civics	SPH4CE	Physics
GLC2OE	Career Studies	SCH4CE	Chemistry
EWC4E	Studies in Literature		

Proposed courses for the 2010-11 year are below. To select one, or more of these courses be sure to include "E" as the 6th digit when you fill out your course selection sheet.

## Help Along the Way

You may experience some bumps while you are on your journey through school. The good news is you aren't alone – we have qualified and caring staff ready and willing to help you along the way.

### Chaplaincy

The central role of the School Chaplain is to serve the spiritual needs of the students and staff of the Patrick Fogarty school community, as well as provide for the sacramental and spiritual life of the school. Responsibilities of the School Chaplain include leadership in Catholic curriculum; counseling to students and teachers; "bridge building" between church, family and school; counseling in prayer; liturgical celebrations; social justice awareness;

retreats; reconciliations; crisis response; and evangelization.

### Guidance Services

Our Guidance Department will play an important role in assisting you with selecting a school program that best suits your future educational and career aspirations. You can arrange for individual counselling interviews to discuss matters of interest and concern with a counsellor, in confidence.

### Library Resources

Our Library Resource Centre will provide you with a variety of materials and resources for study and recreational purposes. The Library Resource Centre works cooperatively with teachers to ensure that your research skills and assignments reinforce classroom lessons. You can get individual help with organizing projects and essays, locating information and setting up presentations.

### Student Success Teacher & Student Success Team

The student success teacher and the student success team provide support for students who may need additional assistance to ensure personal and academic success.

### Student Support Centre

The Student Support Centre is a quiet work environment that offers all students access to assistance with their courses all four periods of the day and through lunch. Access to this centre can be initiated by the student and by classroom teachers.

The type of support students can access in the Student Support Centre includes assistance with assignment completion, reinforcement, test preparation, notebook organization, research assistance, and computer support. The Student Support Centre is equipped with everything a student would need to be successful in their course work including computers, scanners, and specialized software (e.g., Kurzweil, Dragon).

### Credit Rescue and Credit Recovery

Credit Rescue is a program designed to prevent failures of selected students in Grade 9 and 10 who have been identified by teachers as requiring regular tracking and ongoing support to ensure successful completion of all course work. Credit Recovery is a program designed to support selected Grade 10-12 students who have a credit deficit because of courses failed in previous semesters. This program provides these students with the opportunity to accelerate the rate at which they can recover credits required for graduation and therefore make an earlier

## Courses at a Glance

	Grade 9	Grade 10	Grade 11	Grade 12
<b>The Arts</b>				
Drama	ADA10	ADA20	ADA30	ADA4M
Fashion Arts			AM130	
Guitar Music			AMG30	
Instrumental Music	AMU10 (\$25)	AMU20 (\$25)	AMU3M (\$25), AMM30 (\$25)	AMU4M (\$25)
Music and Society			IDC30	
Photography			AWQ30 (\$40)	AWQ4M (\$50)
Visual Arts	AV110	AV120	AV130	AV14M
Vocal Music			AMV30	AMV4M
<b>Business</b>				
Accounting			BAF3M	
Business		BB120		BBB4M
Information Technology		BIT20		
Entrepreneurship			BDI3C	
Marketing			BMI3C	
<b>Canadian &amp; World Studies</b>				
Canadian & World Politics				CPW4U
Civics		CHV20		
Economics				CIA4U
Geography	CGC1D, CGC1P		CGG30	CGW4U
History		CHC2D, CHC2L CHC2P	CHA3U	
Law			CLU3M	
<b>Co-operative Education</b>				
Co-op: 2 Credit Package			GWL30X2 (\$25)	
Co-op: 4 Credit Package			GWL30X4 (\$25)	
<b>English</b>				
English	ENG1D, ENG1L ENG1P	ENG2D, ENG2L ENG2P	ENG3C, ENG3E ENG3U, EMS30	ENG4C, ENG4E ENG4U, OLC4O
<b>French &amp; International Languages</b>				
French	FSF1D, FSF1P	FSF2DG	FSF3UG	FSF4UG
Italian / Spanish			LWA0G, LWSA0G	
<b>Guidance &amp; Career Education</b>				
Career Studies		GLC20		
Learning Strategies	GLE10G	GLE20G	GLE30G	

	Grade 9	Grade 10	Grade 11	Grade 12
<b>Health &amp; Physical Education</b>				
Fitness		PP120F		PP140 / PP140F
Healthy Active Living	PP110	PP120		
Outdoor Recreation			PAD30 (\$210)	
Leadership				PLF4C
Health for Life			PLL30	
Sports & Society			IDC30	
Kinesiology				PSE4U (\$20)
<b>Mathematics</b>				
Mathematics	MAT1L, MFM1P MPM1D	MAT2L, MFM2P MPM2D	MBF3G, MCF3M MGR3U, MEL3E	MAP4G, MCT4C MCP4U, MDM4U MEL4E, MHF4U
<b>Religious Studies</b>				
Religion	HRE10	HRE20	HRF30	HRE4M
<b>Science</b>				
Science	SNC1D, SNC1L SNC1P	SNC2D, SNC2L SNC2P	SVN3E	SNC4E
Biology			SBI3C, SBI3U	SBI4U
Chemistry			SCH3U	SCH4C, SCH4U
Physics			SPH3U	SPH4C, SPH4U
<b>Social Sciences &amp; Humanities</b>				
Anthropology			HSP3M	
Fashion			HNC30	HNB40
Food & Nutrition		HFN20		
Parenting / Family Studies			HPC30	HHS4M
Philosophy			HZE30	HZI4U
<b>Technological Education</b>				
Communications Technology			TGJ3M	TGJ4M (\$10)
Construction / Manufacturing		TCJ20	TCJ3C, TMJ3C	TCJ4C, TML4C
Design Technology			TDJ3M	TDJ4M
Transportation (Small Engines)		TTJ20	TTJ3C (\$10)	TTJ4C (\$10)
Hospitality		TFJ20 (\$20)	TFJ3C (\$20)	TFJ4E (\$20)
Integrated Technology	TIJ10			

Note that some courses require a fee. If a fee is required, it is noted in parentheses ( ) following the course code.

# iPLAN COURSE DESCRIPTIONS

## Religious Education

A Catholic graduate is a discerning believer who integrates faith with life and develops attitudes and values founded on Catholic social teaching and acts to promote social responsibility, human solidarity, and the common good.

### Religious Education: “Be With Me”

**Grade 9 Open**

**HRE10**

This course invites students to a deeper understanding of both the joy and the demands of following in the way of Christ and living out the call to discipleship as it is described in the Scriptures. Using the Beatitudes as a touchstone, students examine the attitudes and actions that characterize the Christian life. Students will explore a variety of topics related to the themes of personhood, interpersonal relationships and sexuality. They are encouraged to understand and nurture within themselves the virtues which will enable them to deepen their relationship with God in and through Christ in the context of a Spirit filled community.

**Prerequisite: None**

### Religious Education: “Christ and Culture”

**Grade 10 Open**

**HRE20**

This course both invites and challenges the adolescent to personalize the principles that guide Catholics in understanding their role in shaping culture through our discipleship. The exploration of these principles starts with the Scriptural foundations to the questions of what it means to be human and how God has and continues to shape our humanity through culture. The principles are then developed through the Gospel themes that reveal how Jesus’ Kingdom of God is expressed in all of our relationships: to ourselves, to others, to our civil society, to our Church, and to our Global community.

**Prerequisite: None**

### Religious Education: “Faith and Culture: World Religions”

**Grade 11 University/College**

**HRT3M**

This course will fulfill the expectations of the Church in its desire that students in Catholic schools develop an objective and respectful understanding of other religious traditions from the perspective of the Catholic Church. To that end, student learning will include an understanding of the Church’s teachings on world religious traditions and those principles which inform ecumenical and inter-religious dialogue, together with an historical overview of the Church’s relationship with various religions, particularly Judaism and Islam. For all

students, this course will help break down prejudice about other religions, and for some they may lead to a deeper understanding and more authentic adherence to the teachings of the Church concerning spiritual and moral truth. Other religious traditions are encountered through the unique perspective of the Catholic Church.

**Prerequisite: Grade 10 Open Religion or Grade 10 Academic English**

### Religious Education: “Faith and Culture: World Religions”

**Grade 11 Open**

**HRF30**

This course will fulfill the expectations of the Church in its desire that students in Catholic schools develop an objective and respectful understanding of other religious traditions from the perspective of the Catholic Church. To that end, student learning will include an understanding of the Church’s teachings on world religious traditions and how they are expressed through ecumenical and inter-religious dialogue. Within a historic and cultural context, students will explore the encounter between Christianity and other religious traditions. For all students, this course will help break down prejudice about other religions, and for some they may lead to a deeper understanding and more authentic adherence to the teachings of the Church concerning spiritual and moral truth. Other religious traditions are encountered through the unique perspective of the Catholic Church.

**Prerequisite: None**

### Religious Education: “Church and Culture”

**Grade 12 University/College**

**HRE4M**

This course has the aim of assisting students in understanding themselves as moral persons living the way of Christ through an examination of ethical theories, the revelation of sacred Scripture, and the experience and teaching of the Catholic Church. While grounded in Revelation, the course also examines the contributions of Philosophy and the sciences to a Catholic understanding of ethics and moral living. Students will explore their own ethical and moral stance through an examination of various arenas of life such as issue of justice and peace, freedom, reconciliation, family, marriage and political life. This course is intended to prepare the senior student for the lifelong task of discerning what is good and of God while growing in their ability to live accordingly as moral persons and active, life giving members of a global society.

**Prerequisite: Grade 11 University Religion or Grade 11 University English**

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## The Arts

A Catholic graduate uses and integrates the Catholic faith traditions in the critical analysis and celebration of the arts to enhance the quality of life.

### Dramatic Arts

**Grade 9, Open**

**ADA10**

This course provides opportunities for students to explore dramatic forms and techniques, using material from a wide range of sources and cultures. Students will use the elements of drama to examine situations and issues that are relevant to their lives. Students will create, perform, discuss, and analyse drama, and then reflect on the experiences to develop an understanding of themselves, the art form, and the world around them.

**Prerequisite: None**

### Dramatic Arts

**Grade 10, Open**

**ADA20**

This course provides opportunities for students to explore dramatic forms, conventions, and techniques. Students will explore a variety of dramatic sources from various cultures and representing a range of genres. Students will use the elements of drama in creating and communicating through dramatic works. Students will assume responsibility for decisions made in the creative and collaborative processes and will reflect on their experiences.

**Prerequisite: None**

### Dramatic Arts

**Grade 11, Open**

**ADA30**

This course requires students to engage in dramatic processes and the presentation of dramatic works, and emphasizes the application of drama skills in other contexts and opportunities. Students will interpret and present works in a variety of dramatic forms, create and script original works, and critically analyse the processes involved in producing

dramatic works. Students will develop a variety of skills related to collaboration and the presentation of dramatic works.

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

### Dramatic Arts

**Grade 12, University/College Preparation ADA4M**

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.

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

### Music

**Grade 9, Open**

**AMU10**

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.

**Prerequisite: None**

### Music

**Grade 10, Open**

**AMU20**

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

**Prerequisite: None**

iPlan  
**TIP**

When making your course selections, be sure to take a look at the prerequisites. Mapping out

future plans and course choices will help ensure you take prerequisite courses early on so you aren't disappointed in the later grades.

# iPLAN COURSE DESCRIPTIONS

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## **Music**

### **Grade 11, University/College Preparation AMU3M**

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

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

## **Music**

### **Grade 11, Open AMU3O**

This course develops students' musical literacy through performance and the preparation and presentation of music productions. Students will perform works at a level consistent with previous experience. Independently and collaboratively, students will use current technology and the creative and critical analysis processes to plan, produce, present, and market musical productions. Students will respond to, reflect on, and analyse music from various genres and periods, and they will develop skills transferable to other aspects of their life and their careers.

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

## **Music**

### **Grade 12, University/College Preparation AMU4M**

This course emphasizes the appreciation, analysis, and performance of music from the romantic period and the twentieth century, including art music, jazz, popular music, and Canadian and non-Western music. Students will concentrate on developing interpretive skills and the ability to work independently. They will also complete complex creative projects.

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

## **Music - Guitar**

### **Grade 11 Open AMG3O**

Students will perform and develop skills in guitar. Special emphasis will be given to develop finger picking and chord/melody playing. Students will

perform appropriate works in contemporary popular styles and will include medium to advanced repertoire and the study of many leading guitar players. In duets and ensembles, they will also plan, market and produce musical productions, making use of appropriate technology, and will evaluate the results.

**Prerequisite: None**

## **Music and Computers**

### **Grade 11, Open AMM3O**

Music Appreciation is geared to the student who has a passion for music and possesses little or no music training. Students will be introduced to basic music theory and composition, which will be applied to the computer through midi and other music software concluding with hands on experience in the recording studio. Students will learn about the history of music from classical to modern periods with emphasis on the twentieth century and current musical trends. Students will appreciate music as an essential element in reflecting and shaping our world, both secular and sacred.

**Prerequisite: None**

## **Music—Vocal/Choral**

### **Grade 11 & 12, Open AMV3O/AMV4M**

This course develops students' artistic knowledge and skills through the performance of music and the preparation of music productions. Students will perform appropriate works, particularly works in contemporary popular styles. Independently and in groups, they will also plan, market, and produce music productions, making use of appropriate technology, and will evaluate the results. This course will provide students the opportunity to explore and express their faith through the artistic medium of music. Through the medium of music students will come to know the harmonious relationship between the secular and the sacred.

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

## **Music and Society**

### **Grade 11, Open IDC3O**

This course explores the role that music plays in the aesthetic, cultural, social, religious, and political life of past and contemporary societies around the world. Using an interdisciplinary approach, students will examine such topics as the evolution of specific musical forms and styles, the role of the musician,

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the development of musical instruments and ensembles, the importance of music in ritual and storytelling, the relationship of non-Western and Western musical traditions, and the influence of music on literature and other arts. This course also introduces resources, research methods, and case studies related to the field of musicology. Students studying music or building musical instruments in a technical design course will find this course of particular interest.

### Visual Arts

#### Grade 9, Open

#### AVI10

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.

**Prerequisite: None**

### Visual Arts

#### Grade 10, Open

#### AVI20

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

**Prerequisite: None**

### Visual Arts

#### Grade 11, Open

#### AVI30

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.

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

### Visual Arts

#### Grade 12, University/College Preparation AVI4M

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

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

### Fashion and Textile Design

#### Grade 11 Open

#### AWI30

This course explores what clothing communicates about the wearer. Students will learn through practical experiences, about the nature of fashion design. They will examine the characteristics of fibers and fabrics, the construction, production and marketing of clothing. Students will develop research skills as they explore the evolution of fashion and its relationship to society, culture, and individual psychology. The course helps students meet Ontario Catholic Graduate Expectations by enabling each person to become a collaborative contributor who achieves excellence, originality, and integrity in one's own work and supports these qualities in the work of others.

**Prerequisite: None**

### Visual Arts—Photography

#### Grade 11, Open

#### AWQ30

Students will be introduced to the basic technical and aesthetic aspect of black and white photography. This course will explore a wide range of themes using appropriate subject matter (portraiture, still life, landscape, mixed media and darkroom techniques). Studio activities will integrate

iPlan  
**TIP**

When choosing your courses, it may be helpful to list the credits you have and the courses you still need and want to take. There is a planning sheet at the back of this book to help you with your choices.



# iPLAN COURSE DESCRIPTIONS

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

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

*Note: A lab fee is required for this course.*

## **Visual Arts—Photography**

**Grade 12, University/College Preparation AWQ4M**

This course is designed as an extension of AWQ30. The aims for this course are to provide students with an opportunity to further develop a portfolio for post-secondary education and to refine their skills, theory and knowledge in photography. The development of personal style through experimentation and individual interpretation is emphasized. This course helps students meet Ontario Graduate Expectations by enabling each person to become an effective communicator who uses and integrates the catholic faith tradition, in critical analysis of arts, media, technology and information systems to enhance the quality of life.

**Prerequisite: Photography, Grade 11, Open**

*Note: A lab fee is required for this course.*

## **Business Studies**

A Catholic graduate is a collaborative contributor who achieves excellence, originality, and integrity in one's own work and supports these qualities in the work of others; and creates, evaluates, and adapts new ideas in light of the common good.

## **Introduction to Business**

**Grade 10, Open**

**BBI20**

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

**Prerequisite: None**

## **Information and Communication Technology in Business**

**Grade 10, Open**

**BTT20**

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

**Prerequisite: None**

## **Financial Accounting Fundamentals**

**Grade 11, University/College Preparation BAF3M**

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

**Prerequisite: None**

## **Entrepreneurship: The Venture**

**Grade 11, College Preparation**

**BDI3C**

This course focuses on ways in which entrepreneurs recognize opportunities, generate ideas, and organize resources to plan successful ventures that enable them to achieve their goals. Students will create a venture plan for a school-based or student-run business. Through hands-on experiences, students will have opportunities to develop the values, traits, and skills most often associated with successful entrepreneurs.

**Prerequisite: None**

## **International Business Fundamentals**

**Grade 12, University/College Preparation BBB4M**

This course provides an overview of the importance of international business and trade in the global economy and explores the factors that influence success in international markets. Students will learn about the techniques and strategies associated with

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marketing, distribution, and managing international business effectively. This course prepares students for postsecondary programs in business, including international business, marketing, and management.

**Prerequisite: None**

### **Marketing: Goods, Services, Events**

**Grade 11, College Preparation BMI3C**

This course introduces the fundamental concepts of product marketing, which includes the marketing of goods, services, and events. Students will examine how trends, issues, global economic changes, and information technology influence consumer buying habits. Students will engage in marketing research, develop marketing strategies, and produce a marketing plan for a product of their choice.

**Prerequisite: None**

## Canadian and World Studies

A Catholic graduate is a reflective and creative thinker who examines, evaluates, and applies knowledge of interdependent systems (physical, ethical, socio-economic, and ecological) for the development of a just and compassionate society.

### **Geography of Canada**

**Grade 9, Academic CGC1D**

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.

**Prerequisite: None**

### **Geography of Canada**

**Grade 9, Applied CGC1P**

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.

**Prerequisite: None**

### **Canadian History Since World War I**

**Grade 10, Academic CHC2D**

This course explores the local, national, and global forces that have shaped Canada's national identity from World War I to the present. Students will investigate the challenges presented by economic, social, and technological changes and explore the contributions of individuals and groups to Canadian culture and society during this period. Students will use critical-thinking and communication skills to evaluate various interpretations of the issues and events of the period and to present their own points of view.

**Prerequisite: None**

### **Canadian History Since World War I**

**Grade 10, Applied CHC2P**

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.

**Prerequisite: None**

### **Canadian History**

**Grade 10, Locally Developed Compulsory Credit Course CHC2L**

This course focuses on the connections between the student and key people, events, and themes in Canadian history from World War I to the present. Students prepare for the Grades 11 and 12 Workplace Preparation history courses through the development and extension of historical literacy and inquiry skills. Students explore a variety of topics highlighting individuals and events that have contributed to the story of Canada. The major themes of Canadian identity, internal and external relationships, and changes since 1914, are explored through guided investigation. Students have the opportunity to extend analytical skills with a focus on identifying and interpreting events and perspectives and making connections. Students practise reading, writing, visual, and oral literacy skills, and

# iPLAN COURSE DESCRIPTIONS

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mathematical literacy skills to identify and communicate ideas in a variety of forms.

**Prerequisite: None**

## **Civics**

**Grade 10, Open** **CHV20**

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.

**Prerequisite: None**

## **Analysing Current Economic Issues**

**Grade 12, University Preparation** **CIA4U**

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 judgments, and present their findings.

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

## **Travel and Tourism: A Regional Geographic Perspective**

**Grade 11, Open** **CGG30**

This course focuses on travel and tourism as the vehicle for studying selected world regions. Using a variety of geotechnologies and inquiry and communication methods, students will conduct and present case studies that develop their understanding of the unique characteristics of selected world regions; the environmental, cultural, economic, and political factors that influence travel and tourism; and the impact of the travel industry on communities and environments around the world.

**Prerequisite: Geography of Canada, Grade 9, Academic or Applied**

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

This course examines the global challenges of creating a sustainable and equitable future, focusing on current issues that illustrate these challenges. Students will investigate a range of topics, including cultural, economic, and geopolitical relationships, regional disparities in the ability to meet basic human needs, and protection of the natural environment. Students will use geotechnologies and skills of geographic inquiry and analysis to develop and communicate balanced opinions about the complex issues facing Canada and a world that is interdependent and constantly changing.

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

## **American History**

**Grade 11, University Preparation** **CHA3U**

This course traces the social, economic, and political development of the United States from colonial times to the present. Students will examine issues of diversity, identity, and culture that have influenced the country's social and political formation and will consider the implications of its expansion into a global superpower. Students will use critical-thinking and communication skills to determine causal relationships, evaluate multiple perspectives, and present their own points of view.

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

## **Understanding Canadian Law**

**Grade 11, University/College Preparation** **CLU3M**

This course explores Canadian law with a focus on legal issues that are relevant to people's everyday lives. Students will investigate fundamental legal concepts and processes to gain a practical understanding of Canada's legal system, including

the criminal justice system. Students will use critical-thinking, inquiry, and communication skills to develop informed opinions on legal issues and apply this knowledge in a variety of ways and settings, including case analysis, legal research projects, mock trials, and debates.

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

**Canadian and World Politics  
Grade 12, University Preparation CPW4U**

This course examines Canadian and world politics from a variety of perspectives. Students will investigate the ways in which individuals, groups, and states work to influence domestic and world events, the role of political ideologies in national and international politics, and the dynamics of international cooperation and conflict resolution. Students will apply critical thinking and communication skills to develop and support informed opinions about current political conflicts, events, and issues.

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

**English**

A Catholic graduate is an effective communicator who integrates the Catholic faith tradition to present information and ideas clearly and honestly with sensitivity to others.

**English  
Grade 9 Academic ENG1D**

This course is designed to develop the oral communication, reading, writing, and media literacy skills that students need for success in their secondary school academic programs and in their daily lives. Students will analyse literary texts from contemporary and historical periods, interpret

**iPlan TIP**

Your 40 hours of community involvement activities are a great way to test-drive different career choices as well as demonstrate your commitment to growing in faith.

informational and graphic texts, and create oral, written, and media texts in a variety of forms. An important focus will be on the use of strategies that contribute to effective communication. The course is intended to prepare students for the Grade 10 academic English course, which leads to university or college preparation courses in Grades 11 and 12.

**Prerequisite: None**

**English  
Grade 9 Applied ENG1P**

This course is designed to develop the key oral communication, reading, writing, and media literacy skills students need for success in secondary school and daily life. Students will read, interpret, and create a variety of informational, literary, and graphic texts. An important focus will be on identifying and using appropriate strategies and processes to improve students' comprehension of texts and to help them communicate clearly and effectively. The course is intended to prepare students for the Grade 10 applied English course, which leads to college, or workplace preparation courses in Grades 11 and 12.

**Prerequisite: None**

**English  
Grade 9, Locally Developed Compulsory Credit Course ENG1L**

This course provides foundational literacy and communication skills to prepare students for success in their daily lives, in the workplace, and in the Grade 10 LDCC Course. The course is organized into strands that develop listening and talking skills, reading and viewing skills, and writing skills. In all strands, the focus is on developing foundational literacy skills and on using language clearly and accurately in a variety of authentic contexts. Students develop strategies and put into practice the processes involved in talking, listening, reading, viewing, writing, and thinking, and reflect regularly upon their growth in these areas.

**Prerequisite: None**

**English  
Grade 10 Academic ENG2D**

This course is designed to extend the range of oral communication, reading, writing, and media literacy skills that students need for success in their secondary school academic programs and in their

# iPLAN COURSE DESCRIPTIONS

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daily lives. Students will analyse literary texts from contemporary and historical periods, interpret and evaluate informational and graphic texts, and create oral, written, and media texts in a variety of forms. An important focus will be on the selective use of strategies that contribute to effective communication. This course is intended to prepare students for the compulsory Grade 11 university or college preparation course.

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

## **English**

### **Grade 10 Applied**

**ENG2P**

This course is designed to extend the range of oral communication, reading, writing, and media literacy skills that students need for success in secondary school and daily life. Students will study and create a variety of informational, literary, and graphic texts. An important focus will be on the consolidation of strategies and processes that help students interpret texts and communicate clearly and effectively. This course is intended to prepare students for the compulsory Grade 11 college or workplace preparation course.

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

## **English**

### **Grade 10 , Locally Developed Compulsory Credit Course**

**ENG2L**

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

**Prerequisite: A Grade 9 English credit**

## **English**

### **Grade 11 University Preparation**

**ENG3U**

This course emphasizes the development of literacy, communication, and critical and creative thinking skills necessary for success in academic and daily

life. Students will analyse challenging literary texts from various periods, countries, and cultures, as well as a range of informational and graphic texts, and create oral, written, and media texts in a variety of forms. An important focus will be on using language with precision and clarity and incorporating stylistic devices appropriately and effectively. The course is intended to prepare students for the compulsory Grade 12 university or college preparation course.

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

## **English**

### **Grade 11 College Preparation**

**ENG3C**

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.

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

## **English**

### **Grade 11 Workplace Preparation**

**ENG3E**

This course emphasizes the development of literacy, communication, and critical and creative thinking skills necessary for success in the workplace and in daily life. Students will study the content, form, and style of a variety of contemporary informational, graphic, and literary texts; and create oral, written, and media texts in a variety of forms for practical purposes. An important focus will be on using language clearly and accurately in a variety of formal and informal contexts. The course is intended to prepare students for the compulsory Grade 12 workplace preparation course.

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

## **English**

### **Grade 12 University Preparation**

**ENG4U**

This course emphasizes the consolidation of the literacy, communication, and critical and creative thinking skills necessary for success in academic and daily life. Students will analyse a range of

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challenging literary texts from various periods, countries, and cultures; interpret and evaluate informational and graphic texts; and create oral, written, and media texts in a variety of forms. An important focus will be on using academic language coherently and confidently, selecting the reading strategies best suited to particular texts and particular purposes for reading, and developing greater control in writing. The course is intended to prepare students for university, college, or the workplace.

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

**English  
Grade 12 College Preparation                      ENG4C**

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

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

**English  
Grade 12 Workplace Preparation                      ENG4E**

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

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

**Media Studies  
Grade 11 Open    EMS30**

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 judgment, and skills in viewing, representing, listening, speaking, reading, and writing.

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

**Ontario Secondary School Literacy Course  
Grade 12 Open    OLC40**

This course is designed to help students acquire and demonstrate the cross-curricular literacy skills that are evaluated by the Ontario Secondary School Literacy Test OSSLT. Students who complete the course successfully will meet the provincial literacy requirement for graduation. Students will read a variety of informational, narrative, and graphic texts and will produce a variety of forms of writing, including summaries, information paragraphs, opinion pieces, and news reports. Students will also maintain and manage a portfolio containing a record of their reading experiences and samples of their writing. **Eligibility requirement:** Students who have been eligible to write the OSSLT at least twice and who have been unsuccessful at least once are eligible to take the course. Students who have already met the literacy requirement for graduation may be eligible to take the course under special circumstances, at the discretion of the principal.

**French & International Languages**

A Catholic graduate is a responsible citizen who respects and understands the diversity and interdependence of the world's people and cultures.

**Core French  
Grade 9, Academic    FSF1D**

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.

**Prerequisite: None**

**Core French  
Grade 9, Applied    FSF1P**

This course emphasizes the concurrent development of oral communication, reading, and writing skills,

# iPLAN COURSE DESCRIPTIONS

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.

**Prerequisite: None**

## **Core French**

**Grade 10, Academic** FSF2DG

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.

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

## **Core French**

**Grade 11, University Preparation** FSF3UG

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.

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

## **Core French**

**Grade 12, University Preparation** FSF4UG

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

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

## **International Languages, Italian**

**Level 1, Open** LWIAOG

This course introduces students to language elements they will need to begin to communicate

with native speakers. Students will participate in practical activities in which they can apply their knowledge and skills, and will begin to explore careers that require knowledge of the language of study. They will explore aspects of the culture of countries where the language under study is spoken, including social customs, music, and food, by participating in cultural events and activities involving both print and technological resources.

**Prerequisite: None**

## **International Languages, Spanish**

**Level 1, Open** LWSAOG

This course introduces students to language elements they will need to begin to communicate with native speakers. Students will participate in practical activities in which they can apply their knowledge and skills, and will begin to explore careers that require knowledge of the language of study. They will explore aspects of the culture of countries where the language under study is spoken, including social customs, music, and food, by participating in cultural events and activities involving both print and technological resources.

**Prerequisite: None**

## **Guidance and Career Education**

A Catholic graduate is a collaborative contributor who develops one's God-given potential and makes a meaningful contribution to society.

## **Learning Strategies 1: Skills for Success in Secondary School**

**Grade 9 & 10, Open** GLE10G & GLE20G

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

**Prerequisite: Recommendation of principal**

**Career Studies**  
**Grade 10, Open**

**GLC20**

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

**Prerequisite: None**

**Advanced Learning Strategies: Skills for Success**  
**After Secondary School**

**Grade 11, Open**

**GLE30**

This course improves students' learning and personal-management skills, preparing them to make successful transitions to work, training, and/or postsecondary education destinations. Students will assess their learning abilities and use literacy, numeracy, and research skills and personal-management techniques to maximize their learning. Students will investigate trends and resources to support their postsecondary employment, training, and/or education choices and develop a plan to help them meet their learning and career goals.

**Prerequisite: Recommendation of principal**

**Health and Physical Education**

A Catholic graduate is a self-directed, responsible, life long learner who takes initiative and demonstrates Christian leadership and participates in leisure and fitness activities for a balanced and healthy lifestyle.

**Healthy Active Living Education**

**Grade 9, Open**

**PPL10**

This course emphasizes regular participation in a

**iPlan TIP**

Planning your high school career involves more than just choosing the right courses. You can enjoy a balanced and enriching secondary experience by becoming involved with extra-curricular activities.

variety of enjoyable 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.

**Prerequisite: None**

**Healthy Active Living Education**

**Grade 10, Open**

**PPL20 or PPL20F (Female)**

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

**Prerequisite: None**

**Healthy Active Living Education**

**Grade 11, Open**

**PPL30**

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 practice goal-setting, decision-making, social, and interpersonal skills. Students will also study the components of healthy relationships, reproductive health, mental health, and personal safety.

**Prerequisite: None**

**Healthy Active Living Education – Outdoor Education & Recreation**

**Grade 11, Open**

**PAD 30**

This course focuses on the development of a healthy lifestyle through participation in a variety of enjoyable outdoor education and recreational pursuits that have the potential to engage students' interest throughout their lives. Students will be encouraged to develop personal competence in a number of outdoor skill and recreational sports.



# iPLAN COURSE DESCRIPTIONS

They will have the opportunity to practice goal-setting, decision-making, personal and group planning, social and interpersonal skills. Students will also study the components of healthy relationships, reproductive health, mental health, and personal safety. This course helps students meet Ontario Catholic Graduate Expectations by enabling each person to become a self-directed, responsible, life-long learner who participates in leisure and fitness activities for a balanced and healthy lifestyle.

**Prerequisite: None**

*Notes: A course fee of \$210 (includes canoe trip and a number of off-site activities) is required.*

*This course has a significant Outdoor Education and Recreation Focus*

## **Sports and Society**

**Grade 11, Open**

**IDC30S**

This course explores the influence organized sport has had throughout society. Units of study will include a glimpse into the earliest forms of sport and recreation dating back to antiquity. The Olympic Games represent a primary focus of this course and will be displayed as an ongoing microcosm of the global environment. The ultimate goal of this course is to use sport as a tool through which an understanding of various cultures, characters, and personalities can be ascertained.

**Prerequisite: None**

## **Healthy Active Living Education**

**Grade 12, Open**

**PPL40 & PPL40F (Female)**

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

**Prerequisite: None**

## **Exercise Science**

**Grade 12, University Preparation**

**PSE4U**

This course focuses on the study of human movement and of systems, factors, and principles involved in human development. Students will learn

about the effects of physical activity on health and performance, the evolution of physical activity and sports, and the factors that influence an individual's participation in physical activity. The course prepares students for university programs in physical education, kinesiology, recreation, and sports administration.

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

## **Recreation and Fitness Leadership**

**Grade 12, College Preparation**

**PLF4C**

This course focuses on the development of leadership and coordination skills related to recreational activities. Students will acquire the knowledge and skills required to plan, organize, and implement recreational events. They will also learn how to promote the value of physical fitness, personal well-being, and personal safety to others through mentoring. The course will prepare students for college programs in recreational, leisure, and fitness leadership.

**Prerequisite: Any Grade 11 or 12 open course in health and physical education**

## **Mathematics**

A Catholic graduate is a reflective and creative thinker who appreciates the nature, meaning and importance of symbols when evaluating situations and solving problems and adopts a holistic approach to life by integrating learning from various subject areas and experiences.

## **Principles of Mathematics**

**Grade 9, Academic**

**MPM1D**

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

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communicate their thinking as they solve multi-step problems.

**Prerequisite: None**

### **Foundations of Mathematics**

**Grade 9, Applied**

**MFM1P**

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.

**Prerequisite: None**

### **Mathematics**

**Grade 9 , Locally Developed Compulsory Credit Course**

**MAT1L**

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

**Prerequisite: None**

### **Principles of Mathematics**

**Grade 10, Academic**

**MPM2D**

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

thinking as they solve multi-step problems.

**Prerequisite: Principles of Mathematics, Grade 9, Academic**

### **Foundations of Mathematics**

**Grade 10, Applied**

**MFM2P**

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

**Prerequisite: Foundations of Mathematics, Grade 9, Applied**

### **Mathematics**

**Grade 10 , Locally Developed Compulsory Credit Course**

**MAT2L**

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

**Prerequisite: A Grade 9 Mathematics credit**

### **Functions**

**Grade 11 University Preparation**

**MCR3U**

This course introduces the mathematical concept of the function by extending students' experiences with linear and quadratic relations. Students will investigate properties of discrete and continuous functions, including trigonometric and exponential functions; represent functions numerically, algebraically, and graphically; solve problems involving applications of functions; investigate

# iPLAN COURSE DESCRIPTIONS

inverse functions; and develop facility in determining equivalent algebraic expressions. Students will reason mathematically and communicate their thinking as they solve multi-step problems.

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

## Functions and Applications

### Grade 11 University/College Preparation MCF3M

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 modeling real-world situations. Students will represent functions numerically, graphically, and algebraically; simplify expressions; solve equations; and solve problems relating to applications. Students will reason mathematically and communicate their thinking as they solve multi-step problems.

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

## Foundations for College Mathematics

### Grade 11 College Preparation MBF3C

This course enables students to broaden their understanding of mathematics as a problem solving tool in the real world. Students will extend their understanding of quadratic relations; investigate situations involving exponential growth; solve problems involving compound interest; solve financial problems connected with vehicle ownership; develop their ability to reason by collecting, analysing, and evaluating data involving one variable; connect probability and statistics; and solve problems in geometry and trigonometry. Students will consolidate their mathematical skills as they solve problems and communicate their thinking.

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

## Mathematics for Work and Everyday Life

### Grade 11 Workplace Preparation MEL3E

This course enables students to broaden their understanding of mathematics as it is applied in the workplace and daily life. Students will solve problems associated with earning money, paying taxes, and making purchases; apply calculations of simple and compound interest in saving, investing, and borrowing; and calculate the costs of transportation and travel in a variety of situations. Students will consolidate their mathematical skills as

they solve problems and communicate their thinking.

**Prerequisite:** Principles of Mathematics, Grade 9, Academic, or Foundations of Mathematics, Grade 9, Applied, or a ministry-approved locally developed Grade 10 mathematics course

## Advanced Functions

### Grade 12 University Preparation MHF4U

This course extends students' experience with functions. Students will investigate the properties of polynomial, rational, logarithmic, and trigonometric functions; 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.

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

## Calculus and Vectors

### Grade 12 University Preparation MCV4U

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

iPlan  
**TIP**

Through the Ontario Youth Apprenticeship Program, you can earn high school credits and hours toward your apprenticeship training at the same time. Visit [www.oyap.com](http://www.oyap.com) or see your guidance counsellor or co-op teacher for more information.

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areas of business, including those students who will be required to take a university-level calculus, linear algebra, or physics course.

*Note: The new Advanced Functions course MHF4U must be taken prior to or concurrently with Calculus and Vectors MCV4U.*

### **Mathematics of Data Management**

#### **Grade 12 University Preparation MDM4U**

This course broadens students' understanding of mathematics as it relates to managing data.

Students will apply methods for organizing and analysing large amounts of information; solve problems involving probability and statistics; and carry out a culminating investigation that integrates statistical concepts and skills. Students will also refine their use of the mathematical processes necessary for success in senior mathematics.

Students planning to enter university programs in business, the social sciences, and the humanities will find this course of particular interest.

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

### **Mathematics for College Technology**

#### **Grade 12 College Preparation MCT4C**

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.

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

### **Foundations for College Mathematics**

#### **Grade 12 College Preparation MAP4C**

This course enables students to broaden their understanding of real-world applications of mathematics. Students will analyse data using statistical methods; solve problems involving

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

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

### **Mathematics for Work and Everyday Life**

#### **Grade 12 Workplace Preparation MEL4E**

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

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

## Science

A Catholic graduate is a self-directed lifelong learner who responds to, manages, and constructively influences change in a discerning manner.

### **Science**

#### **Grade 9, Academic SNC1D**

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.

**Prerequisite: None**

# iPLAN COURSE DESCRIPTIONS

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## Science

### Grade 9, Applied **SNC1P**

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.

**Prerequisite: None**

## Science

### Grade 9 , Locally Developed Compulsory Credit Course **SNC1L**

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

**Prerequisite: None**

## Science

### Grade 10, Academic **SNC2D**

This course enables students to enhance their understanding of concepts in biology, chemistry, earth and space science, and physics, and of the interrelationships between science, technology, society, and the environment. Students are also given opportunities to further develop their scientific investigation skills. Students will plan and conduct investigations and develop their understanding of scientific theories related to the connections between cells and systems in animals and plants; chemical reactions, with a particular focus on acid-

base reactions; forces that affect climate and climate change; and the interaction of light and matter.

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

## Science

### Grade 10, Applied **SNC2P**

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

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

## Science

### Grade 10 , Locally Developed Compulsory Credit Course **SNC2L**

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

**Prerequisite: None**

## Biology

### Grade 11, University Preparation **SBI3U**

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

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under study, and helps students refine skills related to scientific investigation.

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

### **Biology**

**Grade 11, College Preparation SBI3C**

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

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

### **Biology**

**Grade 12, University Preparation SBI4U**

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

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

### **Chemistry**

**Grade 11, University Preparation SCH3U**

This course enables students to deepen their understanding of chemistry through the study of the properties of chemicals and chemical bonds;

chemical reactions and quantitative relationships in those reactions; solutions and solubility; and atmospheric chemistry and the behaviour of gases. Students will further develop their analytical skills and investigate the qualitative and quantitative properties of matter, as well as the impact of some common chemical reactions on society and the environment.

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

### **Chemistry**

**Grade 12, University Preparation SCH4U**

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

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

### **Chemistry**

**Grade 12, College Preparation SCH4C**

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

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

### **Physics**

**Grade 11, University Preparation SPH3U**

This course develops students' understanding of the basic concepts of physics. Students will explore kinematics, with an emphasis on linear motion; different kinds of forces; energy transformations; the properties of mechanical waves and sound; and electricity and magnetism. They will enhance their

iPlan  
**TIP**

Visiting colleges and universities may be an important part of your planning for life after high school.

Colleges and universities often host open houses and orientation events. Visit [www.ouac.on.ca](http://www.ouac.on.ca) or [www.ontariocolleges.ca](http://www.ontariocolleges.ca) for more information.

# iPLAN COURSE DESCRIPTIONS

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scientific investigation skills as they test laws of physics. In addition, they will analyse the interrelationships between physics and technology, and consider the impact of technological applications of physics on society and the environment.

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

## Physics

### Grade 12 University Preparation SPH4U

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

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

## Physics

### Grade 12, College Preparation SPH4C

This course develops students' understanding of the basic concepts of physics. Students will explore these concepts with respect to motion; mechanical, electrical, electromagnetic, energy transformation, hydraulic, and pneumatic systems; and the operation of commonly used tools and machines. They will develop their scientific investigation skills as they test laws of physics and solve both assigned problems and those emerging from their investigations. Students will also consider the impact of technological applications of physics on society and the environment.

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

## Environmental Science

### Grade 11, Workplace Preparation SVN3E

This course provides students with the fundamental knowledge of and skills relating to environmental science that will help them succeed in work and life

after secondary school. Students will explore a range of topics, including the impact of human activities on the environment; human health and the environment; energy conservation; resource science and management; and safety and environmental responsibility in the workplace. Emphasis is placed on relevant, practical applications and current topics in environmental science, with attention to the refinement of students' literacy and mathematical literacy skills as well as the development of their scientific and environmental literacy.

**Prerequisite: Science, Grade 9, Academic or Applied, or Grade 9 or 10 locally developed compulsory credit LDCC course in science**

## Science

### Grade 12, Workplace Preparation SNC4E

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

**Prerequisite: Science, Grade 10 Applied or a locally developed compulsory credit LDCC course in science,**

## Social Sciences and Humanities

A Catholic graduate is a responsible citizen who witnesses Catholic teaching by promoting equality, democracy, and solidarity for a just, peaceful and compassionate society.

## Food and Nutrition

### Grade 10, Open HFN20

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 and nutrition.

**Prerequisite: None**

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### **Fashion and Creative Expression**

**Grade 11, Open**

**HNC30**

This course explores what clothing communicates about the wearer and how it becomes a creative and entrepreneurial outlet through the design and production processes. Students will learn, through practical experiences, about the nature of fashion design; the characteristics of fibres and fabrics; the construction, production, and marketing of clothing; and how to plan and care for a wardrobe that is appropriate for an individual's appearance, activities, employment, and lifestyle. Students will develop research skills as they explore the evolution of fashion and its relationship to society, culture, and individual psychology.

**Prerequisite: None**

### **Parenting**

**Grade 11, Open**

**HPC30**

This course focuses on the skills and knowledge needed to promote the positive and healthy nurturing of children, with particular emphasis on the critical importance of the early years to human development. Students will learn how to meet the developmental needs of young children, communicate and discipline effectively, and guide early behaviour. They will have practical experiences with infants, toddlers, and preschoolers, and will learn skills in researching and investigating questions relating to parenting.

**Prerequisite: None**

### **Individuals and Families in a Diverse Society**

**Grade 12, University/College Preparation**

**HHS4M**

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.

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

### **The Fashion Industry**

**Grade 12, Open**

**HNB40**

This course provides a historical perspective on fashion and design, exploring the origins, influence, and importance of fashion as an expression of

national, cultural, religious, and personal identity. Students will learn about the many facets of the Canadian fashion industry, including both large-scale and small entrepreneurial enterprises, and its worldwide links, as well as gaining practical experience in garment design, production, and care. This course also refines students' skills used in researching and investigating various aspects of the fashion industry.

**Prerequisite: None**

### **Introduction to Anthropology, Psychology, and Sociology**

**Grade 11, University/College Preparation**

**HSP3M**

This course introduces the theories, questions, and issues that are the major concerns of anthropology, psychology, and sociology. Students will develop an understanding of the way social scientists approach the topics they study and the research methods they employ. Students will be given opportunities to explore theories from a variety of perspectives and to become familiar with current thinking on a range of issues that have captured the interest of classical and contemporary social scientists in the three disciplines.

**Prerequisite: None**

### **Philosophy: The Big Questions**

**Grade 11, Open**

**HZB30**

This course addresses three (or more) of the following questions: What is a person? What is a meaningful life? What are good and evil? What is a just society? What is human knowledge? How do we know what is beautiful in art, music, and literature? Students will learn critical thinking skills in evaluating philosophical arguments related to these questions, as well as skills used in researching and investigating various topics in philosophy.

**Prerequisite: None**

### **Philosophy: Questions and Theories**

**Grade 12, University Preparation**

**HZT4U**

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



# iPLAN COURSE DESCRIPTIONS

issues and personal experiences. The course will also help students refine skills used in researching and investigating topics in philosophy.

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

## Technological Education

A Catholic graduate is a collaborative learner who works effectively as an interdependent team member and thinks critically about the meaning and purpose of work.

### Exploring Technologies

**Grade 9, Open**

**TIJ10**

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

**Prerequisite: None**

### Communications Technology

**Grade 11, University/College Preparation TGI3M**

This course examines communications technology from a media perspective. Students will develop knowledge and skills as they design and produce media projects in the areas of live, recorded, and graphic communications. These areas may include TV, video, and movie production; radio and audio production; print and graphic communications; photography; digital imaging; broadcast journalism; and interactive new media. Students will also develop an awareness of related environmental and societal issues and explore college and university programs and career opportunities in the various communications technology fields.

**Prerequisite: None**

### Communications Technology

**Grade 12, University/College Preparation TGJ4M**

This course enables students to further develop media knowledge and skills while designing and producing projects in the areas of live, recorded, and graphic communications. Students may work in the areas of TV, video, and movie production; radio and audio production; print and graphic communications; photography; digital imaging; broadcast journalism; and interactive new media. Students will also expand their awareness of environmental and societal issues related to communications technology and will investigate career opportunities and challenges in a rapidly changing technological environment.

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

### Construction Technology

**Grade 10, Open**

**TCJ20**

This course introduces students to building materials and processes through opportunities to design and build various construction projects. Students will learn to create and read working drawings; become familiar with common construction materials, components, and processes; and perform a variety of fabrication, assembly, and finishing operations. They will use a variety of hand and power tools and apply knowledge of imperial and metric systems of measurement, as appropriate. Students will develop an awareness of environmental and societal issues related to construction technology, and will explore secondary and postsecondary pathways leading to careers in the industry.

**Prerequisite: None**

### Construction Engineering Technology

**Grade 11, College Preparation TCJ3C**

This course focuses on the development of knowledge and skills related to residential construction. Students will gain hands on experience using a variety of construction materials, processes, tools, and equipment; learn about building design and planning construction projects; create and interpret working drawings and sections; and learn how the Ontario Building Code and other regulations and standards apply to construction projects. Students will also develop an awareness of environmental and societal issues related to construction technology, and explore career opportunities in the field.

**Prerequisite: None**

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

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

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

**Hospitality and Tourism****Grade 10, Open TFJ20**

This course provides students with opportunities to explore different areas of hospitality and tourism, as reflected in the various sectors of the tourism industry, with an emphasis on food service. Students will study culinary techniques of food handling and preparation, health and safety standards, the use of tools and equipment, the origins of foods, and event planning, and will learn about tourism attractions across Ontario. Students will develop an awareness of related environmental and societal issues and will explore secondary and postsecondary pathways leading to careers in the tourism industry.

**Prerequisite:** None

**Hospitality and Tourism****Grade 11, College Preparation TFJ3C**

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

opportunities in the tourism industry.

**Prerequisite:** None

**Hospitality and Tourism****Grade 12, Workplace Preparation TFJ4E**

This course enables students to further develop knowledge and skills related to the food and beverage services sector of the tourism industry. Students will demonstrate proficiency in using food preparation and presentation tools and equipment; plan nutritious menus, create recipes, and prepare and present finished food products; develop customer service skills; and explore event and activity planning. Students will expand their awareness of health and safety practices, environmental and societal issues, and career opportunities in the food and beverage services sector.

**Prerequisite:** Hospitality and Tourism, Grade 11, Workplace Preparation

**Manufacturing Technology****Grade 11, College Preparation TMJ3C**

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

**Prerequisite:** None

**Manufacturing Technology****Grade 12, College Preparation TMJ4C**

This course enables students to further develop knowledge and skills related to machining, welding, print reading, computer numerical control (CNC), robotics, and design. Students will develop proficiency in using mechanical, pneumatic, electronic, and computer control systems in a project-based learning environment and may have opportunities to obtain industry-standard training and certification. Students will expand their awareness of environmental and societal issues and career opportunities in the manufacturing industry.

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

## **Technological Design**

**Grade 11, University/College TDJ3M**

This course examines how technological design is influenced by human, environmental, financial, and material requirements and resources. Students will research, design, build, and assess solutions that meet specific human needs, using working drawings and other communication methods to present their design ideas. They will develop an awareness of environmental, societal, and cultural issues related to technological design, and will explore career opportunities in the field, as well as the college and/or university program requirements for them.

**Prerequisite: None**

## **Technological Design**

**Grade 12, University/College TDJ4M**

This course introduces students to the fundamentals of design advocacy and marketing, while building on their design skills and their knowledge of professional design practices. Students will apply a systematic design process to research, design, build, and assess solutions that meet specific human needs, using illustrations, presentation drawings, and other communication methods to present their designs. Students will enhance their problem solving and communication skills, and explore career opportunities and the postsecondary education and training requirements for them.

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

## **Transportation Technology**

**Grade 10, Open TTJ20**

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

**Prerequisite: None**

## **Transportation Technology**

**Grade 11, College Preparation TTJ3C**

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

**Prerequisite: None**

## **Transportation Technology**

**Grade 12, College Preparation TTJ4C**

This course enables students to further develop technical knowledge and skills as they study, test, service, and repair engine management systems; power trains; steering/control, suspension, brake, and body systems on vehicles, aircraft, and/or watercraft; and/or small engine products. Students will refine communication and teamwork skills through practical tasks, using a variety of tools and equipment. Students will expand their awareness of environmental and societal issues related to transportation and their knowledge of apprenticeship and college programs leading to careers in the transportation industry.

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

iPlan **TIP**

You can apply two cooperative education credits toward compulsory graduation

requirements. Co-op is a great way to gain practical workplace experience, while at the same time earning compulsory credits toward your OSSD.

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## Cooperative Education

A Catholic graduate is a collaborative contributor who finds meaning, dignity, fulfillment, and vocation in work which contributes to the common good.

### **Co-op, 2 Credit or 4 Credit Packages**

#### **Grade 11 / 12      GWL30X2 or GWL30X4**

The 2 credit package is linked to the grade 10 Career/Civics course students have already successfully completed. The cooperative education course prepares students to make decisions on future career destinations by giving them hands on experience in the world of work. Students will identify possible career destinations, and be placed in these careers as cooperative education students. The students will gain valuable functional skills as well as receive training on the most current and up to date equipment while in their placements.

The 4 credit package allows students to use the subject specific skills they have learned, in a practical work related placement. Students will participate in all-day cooperative education placements where they will have the opportunity to expand and apply the skills and knowledge attained through their programs. For example, a student could take HPC30 (Parenting) semester one and then participate in a full day cooperative placement at a day-care centre semester two. The student would receive four elective credits upon successful completion of this course.

## iPlan TIP

If you are having problems making course choices or deciding on your future plans, there are staff and resources available to help you. Make an appointment with your guidance counselor to help you with your planning.

## Specialist High Skills Major

Patrick Fogarty offers two Specialist High Skills Major Programs (SHSM) in Construction and Hospitality & Tourism.

A SHSM is a type of ministry-approved specialized program. A SHSM allows students to focus on knowledge and skills that are of particular importance in certain economic sectors, and to obtain certifications recognized in those sectors, as they work towards meeting the requirements for an Ontario Secondary School Diploma (OSSD). Students who graduate with a SHSM designation on their diploma are prepared for success in a particular sector and in the postsecondary destination of their choice, whether it be apprenticeship training, a college or university program, or the workplace.

Every SHSM must include the following five components:

- A package of nine to eleven required credits
- Compulsory certifications
- Experiential learning through job shadowing, work experience, and a minimum of two credits earned through cooperative education.
- Use of the Ontario Skills Passport (OSP) to document demonstration of essential skills and work habits.
- “Reach ahead” opportunities, which allow students to experience learning in their intended postsecondary destination

### A suggested pathway leading to a SHSM in Construction:

Grade 9	Grade 10	Grade 11	Grade 12
Religion	Religion	Religion	Religion
Mathematics	Mathematics	Mathematics	Mathematics
English	English	English	English
Science	Science	Construction Technology	Construction Technology
Geography	History	Design Technology	Design Technology
French	Civics/Career	Co-op	Co-op
Phys. Ed.	Construction Technology	Co-op	Co-op
Exploring Technologies	Option	Accounting	Option

### A suggested pathway leading to a SHSM in Hospitality & Tourism:

Grade 9	Grade 10	Grade 11	Grade 12
Religion	Religion	Religion	Religion
Mathematics	Mathematics	Mathematics	Mathematics
English	English	English	English
Science	Science	Science	Science
Geography	History	Hospitality & Tourism	Hospitality & Tourism
French	Civics/Career Studies	Business	Business
Phys. Ed.	Hospitality & Tourism	Co-op	Co-op
Exploring Technologies	Option	Co-op	Co-op

For more information on the Specialist High Skills Major Program, please contact our Guidance Office or go to our school website <http://pfo.smcdsb.on.ca>

## Clubs and Teams at Patrick Fogarty

At Patrick Fogarty, co-curricular involvement is encouraged as an enhancement to student learning. Here is a list of teams and clubs at Patrick Fogarty:

### Teams

Swimming  
Girls' Soccer  
Boys' Soccer  
Golf  
Girls' Hockey  
Boys' Hockey  
Girls' Basketball  
Boys' Basketball  
Track & Field  
Girls' Curling

Boys' Curling  
Special Olympics  
Girls' Volleyball  
Boys' Volleyball  
Girls' Flag Football  
Cross Country  
Running  
Girls' Lacrosse  
Boys' Rugby

### Clubs & Activities

Choir  
Fitness Club  
Junior & Senior Bands  
Paintball Club  
School Musicals  
Skiing/Snowboarding Club  
Student Exchanges  
Cheerleading  
Retreats  
Outdoors Club  
Winter Fun Day  
Student Council  
Athletic Council  
Movie & Games Nights