

ST. JOSEPH HIGH SCHOOL



**Registration Information
Grades 9, 10, 11 and 12
2023 - 2024**

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GREATER SASKATOON CATHOLIC SCHOOLS MISSION STATEMENT

***Greater Saskatoon Catholic Schools:
A welcoming community where we nurture faith,
encourage excellence in learning
and inspire students to serve others,
making the world a better place.***

**“We love because He first loved us.”
- 1 John 4:19**

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GENERAL PROGRAM INFORMATION

1. The purpose of this booklet is to provide information so that you may plan your 2023 - 2024 academic year. In it, you will find:
 - an outline of Secondary Level requirements and program descriptions
 - descriptions of courses offered at St. Joseph High School and
 - information about the admission requirements of some local post-secondary institutions
2. Students at the Secondary Level should have at least a general idea of what they plan to do after graduation. Planning is particularly important in Grades 10 to 12 to ensure that the required courses for post high school programs are completed. *Carefully review the information about the requirements for admission to post-secondary institutions.*
3. The course load for students at St. Joseph High School is ten credits per year. Eleven credits are possible for Choral students.
4. Secondary Level Courses are offered for student selection now. **Whether or not a particular course will be taught during the year will depend upon sufficient student demand and availability of staff.**
5. **Students are responsible for ensuring that they have the prerequisites for courses they want to take.**
6. A student cannot take English courses at two levels in the same semester, and only in exceptional cases is a student allowed to take two English courses at the same level in one semester. Approval by the Principal is required.
7. Students in Grades 9 and 10 Physical Education courses are required to purchase a St. Joseph Physical Education uniform. An activity fee is payable by students in Physical Education 20/30 and Fitness and Training 20/30.
8. Students in Band and Choral are required to purchase a performance shirt.
9. Cyber School is a system-wide initiative that allows students to study selected high school courses electronically. Virtual summer school is also available for a fee. For further information regarding course offerings or registration, please contact any of the following: Cyber School (306-659-7700), school counsellor, Cyber School by e-mail (cyber@gscs.ca) or visit the Cyber School website: www.gscs.ca/cyber

ST. JOSEPH HIGH SCHOOL

Flexible Instructional Time (FLEX)

St. Joseph High School is pleased to offer Flexible Instructional Time (FLEX) as part of our regular weekly schedule. The purpose of FLEX is to provide students with: time and flexibility to address curricular competencies and content; time to meet with teachers for support, guidance, or inspiration regarding specific curriculum, or other passions and interests; the opportunity to collaborate with other students, teachers, or community members; and time to explore, work on, or complete assignments and projects. The FLEX program is designed to provide both student-centered learning opportunities and support for student health and wellbeing. By offering the FLEX program, St. Joseph High School maintains its commitment to our Student Learning Model by creating opportunities for additional support, focused instruction and intervention, and enriched learning with the aim of students reaching their full potential.

BENEFITS AND PURPOSE OF FLEX

- Provides students with choice, voice, and flexibility with their learning in order to independently complete assignments, study, collaborate with peers, or engage in a personal area of interest
- Presents the opportunity for students to receive support and guidance from teachers
- Provides flexible learning environments for all, acknowledging that learning can take place in a variety of places and in a variety of ways
- Promotes well-being for the entire school population (eg. time to address needs, opportunity to reduce homework and assignment pressures, frees up the lunch break for students and teachers to eat and prepare, or participate in school-based activities like clubs, ect.)
- Supports student time management and organization, by providing an opportunity for students to practice these skills with the guidance of teachers

FLEX SCHEDULE

FLEX will take place twice a week to complete the day, after period 5. The following sample schedule describes how FLEX time will fit into the school day.

Period 1	8:30-9:25	55 mins
Period 2	9:30-10:25	55 mins
10 minute Break		
Period 3	10:35-11:30	55 mins
Lunch Break		
Period 4	12:25-1:20	55 mins
Period 5	1:25-2:20	55 mins
FLEX session	2:25-3:10	45 mins

FLEX IN ACTION

- Guided by the expectation above, students will plan in advance how they will use their FLEX time by scheduling their FLEX session using the link provided to them each week via Edsby.
- During FLEX, students will use the instructional minutes to connect with teachers, other students or work independently to engage in a learning task (assignments, practice, study or collaboration).
- Students must attend a specific FLEX session to make up missed work, assessments, complete assignments and receive extra help.
- Through FLEX, students will learn time management and how to make positive choices with their time, while developing the skills needed in the transition to University or other career choices.

Grade 9 English Program

REQUIRED COURSES

Catholic Studies
Mathematics A
Mathematics B
English Language Arts A
English Language Arts B
Science
Physical Education
Social Studies
General Practical Arts
(Home Ec, Industrial Arts & Graphic Arts)

FINE ARTS ELECTIVE

Students must select one of the following:

Band

Or

Arts Education

(Music, Drama & Visual Arts)

Choral

(Additional course offered before school)

SUPPORT PROGRAMS

Learning Assistance, Co-taught
English, Co-taught Math,
Bridge Math,
English as an Additional Language

Grade 9 (French Bilingual Program)
Programme Français Bilingue

Pour accomplir la 9^{ième} année un étudiant dans le programme bilingue doit passer dix cours, dont cinq en français. For Gr. 9 standing, a French Immersion student must successfully complete ten courses, five of which are French.

COURS OBLIGATOIRES

(Compulsory Courses)

Études Catholiques (Catholic Studies)

Mathématiques A (Mathematics A)

Mathematics B

English Language Arts

Français A (French A)

Français B (French B)

Science

Physical Education

Sciences Humaines (Social Studies)

COURS FACULTATIFS

(Course Electives)

Les étudiants dans le programme bilingue doivent choisir un cours parmi les suivants (Students in the bilingual program must choose one of the following courses):

Band

Or

General Fine Arts

(Music, Drama & Visual Arts)

Choir

(Additional course offered before school)

Les exigences pour l'achèvement du programme bilingue secondaire: Pour graduer avec un diplôme bilingue, un étudiant doit obtenir un minimum de douze crédits en français et satisfaire les besoins du programme anglais à l'exception des arts langagiers en anglais. (To successfully achieve a bilingual diploma and graduate high school, a French Immersion student must obtain a minimum of 12 credits in French and 12 credits in English programming.)

COURSE DESCRIPTIONS

CATHOLIC STUDIES 90 The aim of Catholic Studies is for students to understand, value, and engage in their faith so that they may hear an invitation and deepen their commitment, to live as followers of Jesus Christ. Throughout all grades, students investigate, apply, and reflect on various aspects of these actions which call upon the church to: proclaim Jesus Christ, worship Christ through the sacraments, form a communion of people, give witness, and serve. Students will focus in part on the importance of community in supporting and deepening faith.

The health outcomes covered in Catholic Studies are supporting youth in developing a solid foundation for attaining and maintaining a balanced life. The goals of the health education program are: to develop the understanding, skills, and confidences necessary to act to improve health; to make informed decisions based on health-related knowledge; and to apply decisions that will improve personal health and/or the health of others.

ÉTUDES CATHOLIQUES 90 Students will develop a deeper awareness of their own relationship with God. The course explores the virtues which underlie all relationships with other people and with Jesus Christ. The objectives are achieved through a study of the Beatitudes and the Ten Commandments. The language of instruction is French.

ENGLISH LANGUAGE ARTS A90/B90 Students will learn about the cues and conventions of the English language as they listen, speak, read, write, view, and represent and study texts (including short stories, essays, poetry, novels, and full-length non-fiction) associated with units of study.

FRANÇAIS A90/B90 Through these courses, students develop their ability to use the French language as an instrument of personal and social communication. Students will develop and will be assessed on their listening, reading, writing and oral communication skills through the study of French literature, grammar and culture and the use of different media.

Prerequisite: Grade 8 French Immersion

PHYSICAL EDUCATION 90 Health/Physical Education is a course designed to focus on the development of a lifetime commitment to physical activity and positive lifestyle choices. Students will participate in a variety of different activity components and will be introduced to concept-based skill development. Major areas of study in the activity portion of the course will include developmental games and sports, educational gymnastics, fitness, outdoor pursuits, and dance. Students will also receive instruction in the development of positive attitudes towards physical activity, physical fitness, social behavior, and personal and group safety. Major areas of study in the health portion of the course will include: decision making, tobacco and substance abuse, gambling addictions, and the components of fitness.

MATHEMATICS A90 This course covers the following topics: exponents, rational numbers, linear relations, polynomials, linear equations and inequalities.

MATHÉMATIQUES A90

This course presents the content of Mathematics A using French as the language of instruction

MATHEMATICS B90 This course covers the following topics: square roots, surface area, similarity, transformations, circles, probability and statistics. This course includes a 30-hour Career Education component that is not part of the Mathematics B final mark.

BRIDGE MATHEMATICS 90 The goal of Bridge Math is to provide students who struggle with mathematics the opportunity to learn outcomes from the previous grades and to work towards grade 9 outcomes.

SCIENCE 90 This course covers four main learning areas: Life Science: Reproduction and Human Development; Physical Science: Atoms and Elements; Physical Science: Characteristics of Electricity; and Earth and Space Science: Exploring our Universe. Science includes computing, lab work and projects.

SOCIAL STUDIES 90 The goal of Social Studies education is to help students develop the values and attitudes, knowledge and understanding, and skills and processes necessary to become active and responsible citizens, engaged in the practice of democratic ideals and aware of their capacity to effect change. This will be accomplished by

studying four main ideas: the interactions and interdependence of nations, dynamic relationships within history, dealing with power and authority, and how resources and wealth influences global relations.

SCIENCES HUMAINES 90 The content of this course parallels that of Social Studies. The language of instruction is French.

GENERAL PRACTICAL ARTS 90 This course consists of three components: Home Economics, Industrial Arts & Graphic Arts.

The Home Economics component is comprised of two areas:

- an introduction to the foods labs focusing on kitchen basics, baking basics, food safety and nutrition.
- an introduction to the sewing lab focusing on sewing machine basics, clothing maintenance and repair, and the creation of a simple project.

The Industrial Arts component is comprised of:

- an introduction to woodworking tools, techniques and safety. An introduction to MIG welding will also be covered. Students will be required to complete a woodworking project.

The Graphic Arts component is comprised of:

Exploring the basic process of photography, graphic arts and 3D design. Students will learn skills in photo imaging, digital manipulation, 3D design and printing

ARTS EDUCATION 90 This course consists of three components: Music, Drama & Visual Arts.

The Music component: explores composition, performance, movements and rhythm through the use of computer-assisted technology and an introduction to the guitar.

The Drama component: is an exploration of the creative process. Students are given an introduction to pantomime, improvisation, characterization, timing, staging and theatre games.

The Visual Arts component: introduces drawing, painting, and sculptural medias. Students will learn various techniques, terminology, and art concepts.

REQUIREMENTS OF THE SECONDARY LEVEL ENGLISH PROGRAM

GRADE 10 (LEVEL 10)	GRADE 11 (LEVEL 20)	GRADE 12 (LEVEL 30)
REQUIRED COURSES	REQUIRED COURSES	REQUIRED COURSES
Catholic Studies 10	Catholic Studies 20	Catholic Studies 30
Eng. Lang. Arts A10	Eng. Lang. Arts 20	Eng. Lang. Arts A30
Eng. Lang. Arts B10		Eng. Lang. Arts B30
History 10 or Indigenous St. 10	History 20 or Indigenous St. 20	History 30 or Indigenous St. 30
Math: Workplace & Appr. 10 AND/OR Math: Foundations & Pre-Calculus 10	AT LEAST ONE OF: Math: Foundations 20 or Pre-Calculus 20 or Workplace & Apprenticeship 20	
Science 10	AT LEAST ONE OF: Environmental Science 20 &/or Health Science 20 &/or Physical Science 20 &/or Computer Science 20	
Wellness 10		
LEVEL 10 ELECTIVES	LEVEL 20 ELECTIVES	LEVEL 30 ELECTIVES
Band 10 Choral 10 Cloth. Textiles & Fashion 10 Commercial Cooking 10 Construction & Carpentry 10 Drama 10 Indigenous Studies 10 Music 10 Photography 10 Robotics and Automation 10 Visual Arts 10	Animation 20 Baking & Food Prep 20 Band 20 Cabinet Making 20 Career & Work Exp. 10/20 Choral 20 Communications Media 20 Drama 20 Financial Literacy 20 Graphic Arts 20 Music 20 Personal Fitness & Training 20 (Co-Ed) Photography 20 Physical Education 20 Boys Physical Education 20 Girls Robotics & Automation 20 Visual Arts 20/Visual Arts 20A Welding 10	Animation 30 Band 30 Biology 30 Cabinet Making 30 Calculus 30 Career Work Education A30/B30 Chemistry 30 Choral 30 Clothing & Textiles 30 Communications Media 30 Drama 30 Financial Literacy 30 Food Studies 30 Math: Foundations 30 Graphic Arts 30 Integral Calculus 30 (For Math AP students only) Law 30 Math: Pre-Calculus 30 Math: Workplace & Appren. 30 Music 30 Personal Fitness & Training 30 Photography 30 Physical Education 30 Boys Physical Education 30 Girls Physics 30 Psychology 30 Studio Art 30 (AP Art) Visual Art 30 / Visual Art 30 (AP) Welding 20
GRADE 10 STANDING MINIMUM 8 CREDITS	GRADE 11 STANDING MINIMUM 16 CREDITS	GRADE 12 STANDING MINIMUM 24 CREDITS

GRADUATION: To be eligible to participate in graduation activities, a student must have at least 19 credits before entering the final semester, must then register in a sufficient number of courses to give the possibility of earning **a total of at least 24 credits, with five credits at the 30 level**, attend the Grade 12 Retreat and complete the requirements as set out in Teacher Guardian Group. See a counsellor for details.

REQUIREMENTS OF THE SECONDARY LEVEL BILINGUAL FRENCH PROGRAM

GRADE 10 (LEVEL 10)	GRADE 11 (LEVEL 20)	GRADE 12 (LEVEL 30)
REQUIRED COURSES	REQUIRED COURSES	REQUIRED COURSES
Études Catholiques 10	Études Catholiques 20	Études Catholiques 30
Eng. Lang. Arts A10 or Eng. Lang. Arts B10	Eng. Lang. Arts 20	Eng. Lang. Arts A30 or Eng. Lang. Arts B30
Français Immersion 10	Français Immersion 20	Français Immersion 30
Histoire 10	Français Immersion Intégré 20	Sciences Sociales Immersion 30
Fondements des mathématiques et Précalcul 10	AT LEAST ONE OF: Foundations 20 Fondements des Mathématiques 20 Pre-Calculus 20 Workplace & Appr. 20	
	AT LEAST ONE OF: Environmental Science 20 &/or Health Science 20 &/or Physical Science &/or Computer Science 20	
Science 10		
Wellness 10		
LEVEL 10 ELECTIVES	LEVEL 20 ELECTIVES	LEVEL 30 ELECTIVES
Band 10 Choral 10 Cloth. Textiles & Fashion 10 Commercial Cooking 10 Drama 10 Indigenous Studies 10 Industrial Arts 10 Music 10 Photography 10 Robotics and Automation 10 Visual Art 10	Animation 20 Baking & Food Prep 20 Band 20 Cabinet Making 20 Career & Work Exp. 10/20 Choral 20 Communications Media 20 Drama 20 Financial Literacy 20 Graphic Arts 20 Music 20 Personal Fitness & Training 20 (Co-Ed) Photography 20 Physical Education 20 Boys Physical Education 20 Girls Robotics & Automation 20 Visual Arts 20/Visual Arts 20A Welding 10	Animation 30 Band 30 Biology 30 Cabinet Making 30 Calculus 30 Career Work Education A30/B30 Chemistry 30 Choral 30 Clothing & Textiles 30 Communications Media 30 Drama 30 Financial Literacy 30 Food Studies 30 Math: Foundations 30 Graphic Arts 30 Integral Calculus 30 (For Math AP students only) Law 30 Math: Pre-Calculus 30 Math: Workplace & Appren. 30 Music 30 Personal Fitness & Training 30 Photography 30 Physical Education 30 Boys Physical Education 30 Girls Physics 30 Psychology 30 Studio Art 30 (AP Art) Visual Art 30/Visual Art 30 (AP) Welding 20
GRADE 10 STANDING MINIMUM 8 CREDITS	GRADE 11 STANDING MINIMUM 16 CREDITS	GRADE 12 STANDING MINIMUM 24 CREDITS

GRADUATION: To be eligible to participate in graduation activities, a student must have at least 19 credits before entering the final semester, must then register in a sufficient number of courses to give the possibility of earning a total of at least 24 credits, with at least five credits at the 30 level to attend the Grade 12 Retreat, and complete the requirements as set out in Teacher Guardian Group. See a counsellor for details

BILINGUAL DIPLOMA REQUIREMENTS: To meet the requirements to graduate with a Bilingual Diploma, a student must earn a minimum of 12 credits taken in French in addition to meeting the English program requirements, with the exception of the English Language Arts requirements

COURSE DESCRIPTIONS

1. ELECTIVES

ANIMATION 20 explores a variety of form and styles of animation production. Students will learn how to make an object that does not move on its own to appear to come to life on screen through the stages of production that include pre-production, production and postproduction. Prerequisite: None

ANIMATION 30 refines knowledge, skills and abilities in the field of animation. Students will create larger projects in a variety of animation styles, while working through the stages of production, which include pre-production, production and postproduction.

Prerequisite: Animation 20
Or by special permission of Administration

BAKING AND FOOD PREPARATION 20 is a cooking class that studies the art of baking. It takes an in-depth look at baking basics, desserts, cakes, pastries, baking with yeast and entertaining. Projects may include cake decorating, cake pops, gingerbread houses and baking for special occasions. There is a fee for this class. Prerequisite: None

BAND 10, 20 and 30 provides students with opportunities to learn skills to express themselves musically; to make informed decisions as producers and consumers of music; to value and appreciate music from a variety of cultural and historical contexts and to understand the role of music in daily life. Daytime and evening performances are required. Travel is an option for Senior Band students.

CABINET MAKING 20 continues to enhance skills and techniques in areas of woodworking. Students will choose a major project to complete. Students will be required to pay for materials used to build their project.

Prerequisite: Construction & Carpentry 10

CABINET MAKING 30 requires the student to complete a major project using the skills, concepts, and processes learned in Practical and Applied Arts A20. Students will be required to pay for materials used to build their project.

Prerequisite: Cabinet Making 20

CAREER AND WORK EXPLORATION 10, 20, A30, B30 provides the student with the opportunity to focus on career development using the community as a learning environment. The in-class component provides learning opportunities in entrepreneurship, workplace ethics, labour standards, and advanced job search techniques. Emphasis is also placed on the transition from high school to post-secondary education or employment and includes an extensive community work experience component. Each course includes an on-site work placement of a minimum of 60 hours.

Prerequisite: Grade 11 and 12 students

CHORAL 10, 20 and 30 are available to students in Grades 10 to 12. These courses will focus on vocal technique, breathing exercises, and pronunciation skills to support excellent singing skills. The work of various composers and arrangers, ranging from the classics to contemporary literature, will be explored. Daytime and evening performances are required. Travel is optional.

CLOTHING, TEXTILES AND FASHION 10 provides an introduction to the basics of sewing and garment construction. Students will learn to use a sewing machine and serger. The history of fashion will be studied and applied to today's fashion. Projects include pajama pants, bunny hugs, blankets, and other basic garment designs. There is a fee for this class and project costs are in addition to supplies. *Prerequisite: None*

CLOTHING, TEXTILES AND FASHION 30 is an advanced clothing construction class. Students will work independently to develop their sewing skills by choosing more advanced clothing patterns to construct. Advanced clothing finishes and zipper application, fitting and pattern adjustments may be studied. Students will advance their study of fashion, clothing styles, and job potential within the fashion industry. A basic knowledge of sewing will be an asset. There is a fee associated with this class with an additional cost for projects. *Prerequisite: None*

COMMERCIAL COOKING 10 is an introduction to the food industry. This class examines safety and sanitation, knife skills, preparation stations, menus, the restaurant business, and career opportunities within the food industry. Students will prepare stocks, sauces, soups, and will also participate in other food preparation labs. Table and food presentation, garnishing, plating and serving will be covered. There is a fee for this class. *Prerequisite: None*

COMMUNICATION MEDIA 20 develops knowledge, skills, and abilities in audio, video, and multimedia production. Activities will include the three stages of audio, video and multimedia production including pre-production, production, and post-production. Students will participate in projects creating videos, audio tracks, web and multimedia products. *Prerequisite: None*

COMMUNICATION MEDIA 30 refines knowledge, skills and abilities in audio, video, and multimedia production. Students will explore media production through the stages of production including pre-production, production, and postproduction. *Prerequisite: Communication Media 20 or by special permission of Administration*

CONSTRUCTION & CARPENTRY 10 is a course where students will complete an assigned project in woodworking. Students will then have an option to complete units in woodturning or complete additional woodworking projects. Students will be required to pay for materials used to build their project.

DRAMA 10 explores sources of inspiration for drama work and, through active participation, students learn about various theatre genres, styles and performance practices. Students respond to their own and others' work and collaborate to create scenes that convey their ideas and perspectives. In addition to examining the role of storytelling and oral history in Indigenous cultures, students experience theatre history from a variety of traditions. They investigate career and training opportunities for theatre artists and consider how drama reflects and affects human experience. When possible, students attend a local, professional theatre production. A final project replaces a final exam. *Prerequisite: none*

DRAMA 20 students use storytelling in various genres, styles, theatre traditions, and performance practices to express their ideas and build a play, incorporating artistic and technical components. Students learn, through active participation, how drama is

influenced by social, cultural, environmental, and personal contexts, and examine how Indigenous perspectives and ways of knowing impact the creation of drama work. Students experiment with ways that diverse perspectives can be expressed through drama and respond to their own and others' work. They investigate specific aspects of working in theatre and/or film, including performance and career opportunities in Saskatchewan. When possible, students attend a local, professional theatre production. A final project replaces a final exam.

Prerequisite: Drama 10; Special arrangements possible.

DRAMA 30 students use world theatre traditions to inspire ideas for their own drama work. They experiment with contemporary theatre practices, genres and styles and explore a multiplicity of artistic voices and perspectives. They consider the purpose of theatre in societies, and examine contemporary and or current theatre practices of First Nations, Inuit , and Metis artists in Canada. Through active participation in drama work, students explore the role of theatre and artists as potential agents of social change. Students make directorial choices for a performance that demonstrates creativity and innovation and reflect on their decisions, the creative process, and the impact of their work. When possible, students attend a local, professional theatre production. A final project replaces a final exam. *Prerequisites: Drama 20; Special arrangements possible.*

FINANCIAL LITERACY 20 This course focuses on areas including earning, saving, spending, borrowing, sharing, investing, and protecting. It is an introduction to financial issues and decisions that students may already be facing. It addresses topics such as the purposes of money, the importance of decision making as it applies to finances, information security, budgeting fundamentals, cell phone contracts, maintaining accurate financial records, the concept of interest, and career opportunities in the financial industry. *Prerequisite: None*

FINANCIAL LITERACY 30 The aim of Financial Literacy 30 is to provide students at the Secondary Level with basic skills in financial literacy, develop an awareness and understanding of personal finance and personal economic decision-making, respond to business decisions as informed consumers, and develop work habits, attitudes, problem solving skills and independent thinking skills that will enhance personal and work experiences to develop a positive self-image and essential business attitudes necessary as a consumer. *Prerequisite: Financial Literacy 20*

FOOD STUDIES 30 focuses on international foods, nutrition and Canada's Food Plate. Learners will develop knowledge and personal skills with the goal of cooking healthy and nutritious meals. This course is balanced with cooking labs and theory that will allow you to explore quick and healthy meals, food preservation as well as exploring new and exciting cuisines. *Prerequisite: None*

GRAPHIC ARTS 20 develops knowledge, skills, and abilities in digital graphic arts. Students will study the elements and principals of design, colour, typography, layout, and concept development, with the option of studying animation. Students will explore graphic arts through hands-on projects and assignments. *Prerequisite: None*

GRAPHIC ARTS 30 refines knowledge, skills, and abilities in digital graphic arts at an advanced level. Students will explore graphic arts through hands-on projects and assignments culminating in a final portfolio project of selected works from class.

*Prerequisite: Graphic Arts 20
or by special permission of Administration*

MUSIC 10 is a basic course teaching the student how to play both the piano and guitar. Students will learn to read music and tab. They will also learn how to improvise a strumming pattern just given lyrics and chords. A week in this hands-on course typically involves two days on the piano, one day of theory and listening skills, and two days on the guitar.

Prerequisite: None

MUSIC 20 builds on the skills learned in Music 10. The added instrument this year is the ukulele. Students also play in small combos and experiment more with their own music writing. This class also organizes the recitals for the semester.

Prerequisite: Music 10

MUSIC 30 is a self-directed course. In collaboration with the instructor, the student will focus on three major projects dealing with composition, performance, and theory.

Prerequisite: Music 20

PHOTOGRAPHY 10 is a course that will introduce students to basic skills such as composition and design and technical control of an image using exposure, camera controls and editing software. Students will have the opportunity to learn about photographic composition, experiment with equipment and materials used to produce still photographs and develop a critical awareness of good photographic techniques. Photography 10 focuses on the basics of photographic techniques while Photography 20 and 30 explore these techniques in more detail. Students will explore photography through hands-on projects and assignments.

Prerequisite: None

PHOTOGRAPHY 20 – see Photography 10 course description. Students will refine their skills in photography. Students will explore photography through hands-on projects and assignments.

*Prerequisite: Photography 10
or by special permission of Administration*

PHOTOGRAPHY 30 – see Photography 10 course description. Students will develop advanced skills in photography. Students will explore photography through hands-on projects and assignments culminating in a final portfolio project of selected works from class.

*Prerequisite: Photography 20, Photography 10
or by special permission of Administration*

PERSONAL FITNESS 20/30 is a course that will offer students the opportunity to better understand fitness training, to develop personal fitness plans, and to get regular, high-level exercise. Through a variety of both in-school and out-of-school activities, students will develop an appreciation for life-long fitness and will strive to achieve their personal fitness goals. Fitness will be explored through developmental games and sports, educational gymnastics, outdoor activities and other chosen activities. The emphasis will be on fitness while having fun in a supportive and encouraging environment. Travelling to out-of-school activities will occur but will not be as extensive as Physical Education 20/30. There is a fee associated with this class.

Prerequisite: Wellness 10

PHYSICAL EDUCATION 20 is a course designed to provide students with the opportunity to experience a wide range of lifelong physical activities, as well as to further develop personal skills, techniques, and rules. Focus will be placed on student leadership, class participation, and the lifetime pursuit of recreation and leisure. Physical activities may include: golf, lawn bowling, bowling, curling, racquetball, tennis, badminton, indoor games, outdoor games, slow-pitch, weight training, ultimate frisbee, rugby, fitness tours, dance, billiards, flag football, kickboxing, martial arts, self-defence, Pilates, Zumba, anti gravity, yoga, paddle boarding and others. There is a fee associated with this class.

Prerequisite: Wellness 10

PHYSICAL EDUCATION 30 is an elective course designed to further develop the skills, techniques, and rules of activities learned in Physical Education 20 as well as adding new activities that students can pursue after high school to maintain an active lifestyle. Focus will be placed on student leadership, class participation, and the lifelong pursuit of recreation and leisure. Physical activities may include: golf, lawn bowling, bowling, curling, racquetball, tennis, badminton, indoor games, outdoor games, slow-pitch, weight training, ultimate frisbee, rugby, fitness tours, dance, billiards, flag football, kickboxing, martial arts, self-defence, Pilates, Zumba, anti gravity, yoga, paddle boarding and others.

Prerequisite: None

ROBOTICS & AUTOMATION 10/20 deals with the design, construction, operation and use of robotic devices, as well as the computer systems necessary for their control, sensory feedback and information processing. Automation is the technology by which a process or procedure is performed with minimal human assistance. As such, the purpose of this curriculum is to facilitate innovation and exploration through the hands-on process of creating and making. Through project-based learning, design thinking and inquiry learning, students will explore the processes and skills needed to design and fabricate physical devices that they will control or automate. There is a fee attached to this course.

Prerequisite: None

STUDIO ART 30AP Is an extension of Visual Arts 30AP for students who want to finish creating a strong AP Art and Design Portfolio or a strong university/college portfolio for entrance into a competitive university/college program. Students in this second semester course finish their AP Studio Art Portfolio by the beginning of May through the framing and refining of high-quality works unified by an underlying idea with strong visual concepts and techniques. Emphasis is placed on exploring a particular theme or inquiry question through a portfolio. All students learn how to photograph and digitally create and submit their artwork as digital portfolios which can then be transferred online. Students are also responsible for an art exhibition and advertisement of this show.

Prerequisite: Visual Art 30AP, Admin Approval

VISUAL ARTS 10 gives students the opportunity to be creative and have fun learning the skills and techniques for drawing, painting, and sculpture. Students will make art projects that allow them to express themselves while learning image development strategies. Visual Art 10 is a hands-on class that lays the foundation for Visual Art 20.

Prerequisite: None

VISUAL ARTS 20 builds on students' pre-existing art skills and knowledge. Students will learn advanced techniques and art concepts in drawing, painting, sculpture and printmaking. Projects are designed to build artistic voice while exploring cultural and

historical influences. Students also learn how to develop a portfolio with their own specific goal in mind. This portfolio could be used to apply for Advanced Placement Art and Design. *Prerequisite: Visual Art 10; Special arrangements possible*

VISUAL ARTS 20AP This course is an enriched version of Visual Arts 20. This course is reserved for students who have been accepted to the Advanced Placement program in Art. Acceptance into the program is completed in consultation with or request by student and teacher. Advance Placement is an enriched Art program. All curricular objectives of the Arts 20 program are included but are treated in greater depth. Additional material is included which provides an introduction to the Advanced Placement Art program. *Prerequisite: Visual Arts 10*

VISUAL ARTS 30 Students at this level refine skills and techniques to develop personal style and voice. Projects are designed to explore new ideas and worldviews in order to stimulate artistic creative thought. Students learn to use advanced techniques and art concepts in drawing, painting, sculpture and printmaking. Students also develop a portfolio with their own specific goal in mind. This portfolio could be used for Advanced Placement Art and Design. *Prerequisite: Visual Arts 20; Special arrangements possible*

VISUAL ARTS 30AP This course is for students who are highly motivated and talented. Students at this level will continue producing a high volume of artwork demonstrating strong technical skills as well as work with more complex conceptual ideas, inventiveness and imagination. Through drawing, painting, printmaking, and sculpture, students will explore a wide range of visual concepts and continue to grow their artistic voice. In addition to producing artwork, students will study past artists and critique their works as well as artwork of fellow students. Students will begin to develop their Advanced Placement Art and Design portfolio in 2-D Design, Drawing or 3D design, producing a series of works to use in their portfolio. These works will explore a personal theme that has both technical and conceptual merit. The portfolio will be submitted in May, where it will be graded by international judges for a college credit.

Prerequisite: Visual Art 20, Admin Approval

WELDING 10/20 are courses where students are introduced to the theory and practice of electric arc welding, MIG welding, and plasma and oxyacetylene cutting. Students can choose an appropriate project to complete. These classes operate at the same time as Practical and Applied Arts Survey 20 and Practical and Applied Arts Survey 30 and have a restricted enrolment. Students will be required to pay for materials used to build their project. *Prerequisite: Welding 10 is required for Welding 2*

2. CATHOLIC STUDIES

The aim of Catholic Studies is for students to understand, value, and engage in their faith so that they may hear an invitation, or deepen their commitment, to live as followers of Jesus Christ. Throughout all grades, students investigate, apply and reflect on various aspects of these actions, which call upon the Church to:

- i. proclaim Jesus Christ
- ii. worship Christ through the sacraments
- iii. form a communion of people
- iv. give witness, and
- v. serve

CATHOLIC STUDIES 10: Understanding the Call to Evangelize The Catholic Studies 10 curriculum focuses in part on the role and importance of evangelization. Students examine what it means to be called to evangelize and consider how and why the Church evangelizes.
Prerequisite: Catholic Studies 90

CATHOLIC STUDIES 20: Exploring the Joy of a Catholic Identity

The Catholic Studies 20 curriculum focuses in part on the role and importance of Catholic identity. Students examine what it means to live as a disciple of Christ and how this affects the way that one lives one's life.
Prerequisite: Catholic Studies 10

CATHOLIC STUDIES 30: Embracing Spiritual and Religious Life

Focuses on the discernment of God's personal call to us, the development of our consciences, our relationship with the Holy Spirit, and our relationships with others as we respond to Jesus's invitation to live in covenant with God.
Prerequisite: Catholic Studies 20

ÉTUDES CATHOLIQUES Throughout all grades, students investigate, apply and reflect on various aspects of these actions which call upon the Church to: i. proclaim Jesus Christ ii. worship Christ through the sacraments iii. form a communion of people iv. give witness, and v. serve.

ÉTUDES CATHOLIQUES 10 The Catholic Studies 10 curriculum focuses in part on the role and importance of evangelization. Students examine what it means to be called to evangelize and consider how and why the Church evangelizes. Participation in the Catholic Action Plan will be required for all students. The language of instruction is French.
Prerequisite: Études catholiques 90

ÉTUDES CATHOLIQUES 20 The Catholic Studies 20 curriculum focuses in part on the role and importance of Catholic identity. Students examine what it means to live as a disciple of Christ and how this affects the way that one lives one's life. Participation in the Catholic Action Plan will be required for all students. The language of instruction is French.
Prerequisite: Études catholiques 10

ÉTUDES CATHOLIQUES 30

The Catholic Studies 30 curriculum focuses in part on the importance of being both a spiritual and religious person. Students examine how they are called by God to freely choose a life of service for others that will help to transform society and the world. Participation in the Catholic Action Plan will be required for all students. The language of instruction is French.
Prerequisite: Études catholiques 20

3. ENGLISH LANGUAGE ARTS

ENGLISH LANGUAGE ARTS A10 focuses on the "Challenges of Life" and the "Mysteries of Life" as unit topics. Short stories, poetry, drama and novels are used to explore the themes. Language and composition are studied in detail.
Prerequisite: English Language Arts A90

ENGLISH LANGUAGE ARTS B10 uses a Shakespearean play, short stories, poetry, non-fiction and novels to explore the topics of the course, which are "Equity and Ethics" and the "World Around Us." The study of language and composition is continued.
Prerequisite: English Language Arts B90

ENGLISH LANGUAGE ARTS A10 AND B10 (Advanced) offers an advanced exploration of literature in many genres and through literary criticism. The course begins to prepare candidates to write the College Board exam in the spring of their Grade 12 year.

Prerequisite: Administrative Permission

ENGLISH LANGUAGE ARTS 20 explores the topics of “Starting Out” and “Moving Forward” through the study of poetry, essays, short stories and novels. Further development of language and composition skills is ongoing.

Prerequisite: English Language Arts A10 & B10

ENGLISH LANGUAGE ARTS 20A (Advanced) offers an advanced exploration of literature in many genres and through literary criticism. The course continues to prepare candidates to write the College Board exam in the spring of their Grade 12 year.

Prerequisite: Administrative Permission

ENGLISH LANGUAGE ARTS A30 addresses national issues as reflected in the traditional and contemporary literature of Canada and its regions.

Prerequisite: English Language Arts 20

ENGLISH LANGUAGE ARTS B30 examines global perspectives using traditional and contemporary world literature. Shakespeare’s Hamlet is among the selections for study.

Prerequisite: English Language Arts 20

ENGLISH LANGUAGE ARTS A30P AND ENGLISH LANGUAGE ARTS B30P offer an advanced exploration of literature in many genres and through literary criticism. The course is designed for students in the Advanced English Program. Students have the option to write the College Board Literature and Composition Exam in May. Extra fees apply to take the AP English Exam.

Prerequisite: English Language Arts 20A

4. HEALTH AND PHYSICAL EDUCATION

WELLNESS 10 is a course designed to integrate health education and physical education by banding together and building on the themes of both. The aim of the course is to assist students in developing positive lifestyle skills and practices that will continue over the course of their lifetime. Major areas of study in the Wellness 10 course include: Physical Activity, Service Learning, Fitness, Stress Management, Positive Relationships, and Nutrition.

Prerequisite: Physical Education 90

5. LANGUAGES

FRANÇAIS IMMERSION 10 is a course that provides the student with the opportunity to develop the ability to use the French language as an instrument of personal and social communication. Students will improve and be assessed on their listening, reading, writing, and oral skills through a study of French literature, grammar, media, and culture. The language of instruction is French.

Prerequisite: Français A90 & Français B90

FRANÇAIS IMMERSION 20 is a course that provides the student with opportunities to use the French language as an instrument of personal and social communication. Students will improve and be assessed on their listening, reading, writing, and oral skills through a study of French literature, grammar, media, and culture. The language of instruction is French.

Prerequisite: Français Immersion 10

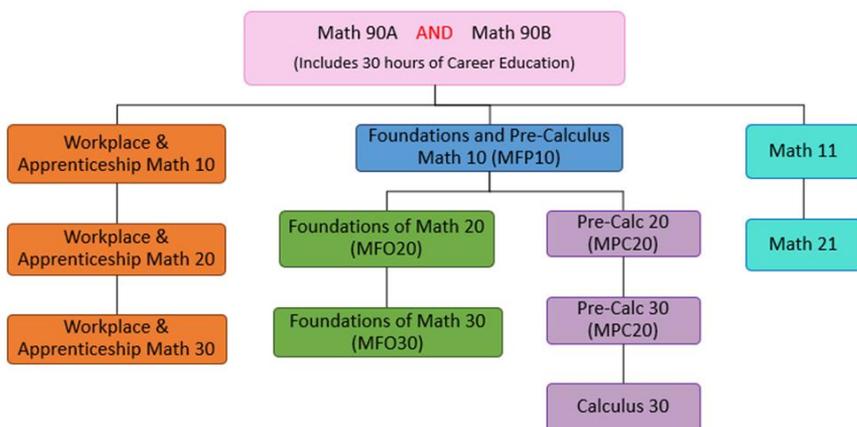
FRANÇAIS IMMERSION INTÉGRÉ 20 uses French as the language of instruction and communication to explore themes and elements of the contemporary world, such as cinema and culture, media awareness, society and societal change and innovation and entrepreneurship. French language skills will be part of the assessment.

FRANÇAIS IMMERSION 30 provides students with opportunities to use the French language as an instrument of personal and social communication. Students will improve and be assessed on their listening, reading, writing, and oral skills through a study of French literature, grammar, and culture. The language of instruction is French.

Prerequisite: Français Immersion 20

ADVANCED PLACEMENT FRANÇAIS – see page 23.

6. MATHEMATICS



Graduation requirement for mathematics is any 20 level course.

Students can take more than one pathway at the 10, 20 and 30 level.

STRETCHED MATH PROGRAM

This program is designed for students who struggle in mathematics but are capable of the regular course work. Is identical to regular but uses five semesters instead of three. To be considered for this program, talk to your math teacher or Counsellor.

	Semester 1	Semester 2
Grade 10	MFP10 Yearlong	
Grade 11	MFO20	MFO20/MFO30
Grade 12	MFO30	

ADVANCED MATH PROGRAM

Advanced classes are designed for students who would like to challenge themselves academically and study math with peers who are similarly motivated. Grade 9 students who meet the following criteria may be invited to be a part of this program.

- highly motivated
- have an average of 85% or higher in Mathematics 90
- willing to work independently at a quicker pace
- persistent in problem solving

- prepared to handle greater responsibility

The Math Department will determine which students will be invited to be part of the program. The Math Department will re-visit student performance from semester to semester to determine who will continue in the program or be added to the program. In order to continue in AP Math, students must maintain a minimum academic average of 80%.

Grade 10	Grade 11	Grade 12
Foundations of Math 10 A	Pre-Calculus 20 A*	Calculus 30P
Foundations of Math 20 A	Pre-Calculus 30 A	Integral Calculus 30 and AP Exam

*French immersion students identified for the advanced program will join in Grade 11. They will have previously followed the immersion math program in grades 9 and 10 to obtain the required number of French credits for a bilingual diploma.

Extra fees apply to take the AP Integral Calculus Exam. The cost of each AP exam is \$125.00. Payment must be made through MySchoolBucks. If you are not able to cover the cost of the exam, please contact your school administrator.

10 Level Course Descriptions

In Grade 10, students can choose to take Workplace & Apprenticeship 10 or Foundations and Precalculus 10 Math. Only one is needed but students can take both.

FOUNDATIONS OF MATHEMATICS AND PRE-CALCULUS 10 This course is designed to provide students with the mathematical understandings and critical-thinking skills identified for entry into post-secondary programs. This course is the prerequisite for Foundations of Mathematics 20 and Pre-Calculus 20. Topics include measurement, trigonometry, factoring, radicals, exponents, relations and functions, linear functions, graphing and systems of equations.
Prerequisite: Mathematics 90

FOUNDATIONS OF MATHEMATICS & PRE-CALCULUS 10 (YEAR LONG) This class is designed for students who struggle in math but are capable of the regular program with extra time and assistance. This class covers the same content and provides the same credit but is taken over two semesters. This allows students more time to learn, practice and understand the concepts. The Math Department will recommend students for this program based on performance in previous math classes. Students interested in this program should talk to their math teacher or a Counsellor.
Prerequisite: Mathematics 90

French Immersion students in Grade 10 will complete one Grade 10 and one Grade 11 (20 level) Math course: Fondements des mathématiques et précalcul 10 and fondements des mathématiques 20, as part of the French Immersion Program. After these two courses, French Immersion students will join the English Mathematics courses. French Immersion students also have the option of joining the Advanced Mathematics program in Grade 11 if there is room in the class.

FONDEMENTS DES MATHÉMATIQUES ET PRÉCALCUL 10 This course is for students in the French Immersion Program. It covers the same topics as Foundations of

Mathematics and Pre-Calculus 10. The language of instructions is French.

Prerequisite: Mathématiques 90

MATHEMATICS 11 Mathematics 11 is a modified 10 level mathematics course. This course focuses on improving basic math skills used in everyday life at a learning pace suited for all students in the class. In this course, emphasis is placed on making informed decisions about finances, home design and maintenance, personal recreation and wellness, and travel. All of the concepts and content relate to the themes: *Earning and Spending Money, Home, Recreation and Wellness, and Travel*. This course is a prerequisite for Mathematics 21. To register in Mathematics 11, please contact a School Counsellor.

Prerequisite: Mathematics 90 or 91

WORKPLACE AND APPRENTICESHIP MATHEMATICS 10 This course is designed to provide students with the mathematical understandings and critical-thinking skills identified for entry into some post-secondary institutions, many of the trades, and the workplace. This course is the prerequisite for Workplace and Apprenticeship Mathematics 20. Topics include relations and functions, geometry, trigonometry, measurement, financial mathematics and logic.

Prerequisite: Mathematics 90

20 Level Course Descriptions

FOUNDATIONS OF MATHEMATICS 20 This course is designed to provide the mathematical understandings and critical-thinking skills to students who are planning on pursuing a post-secondary program and future career that is not math intensive. Topics include relations and functions, geometry, trigonometry, measurement, statistics, data analysis, and logic.

Prerequisite: Foundations of Mathematics & Pre-Calculus 10

FOUNDATIONS OF MATHEMATICS 20 AND 30 (STRETCHED) This class is designed for students who struggle in math but are capable of the regular program with extra time and assistance. This class covers the same content and provides the same credit but is taken over three semesters. This allows students more time to learn, practice and understand the concepts. The Math Department will recommend students for this program based on performance in previous math classes. Students interested in this program should talk to their math teacher or a Counsellor.

Prerequisite: Foundations of Math and Pre-Calculus 10

FONDEMENTS DES MATHÉMATIQUES 20 This course is for students in the French Immersion Program. It covers the same topics as Foundations of Mathematics 20. The language of instructions is French.

Prerequisite : Fondements des Mathématiques et Précalcul 10

MATHEMATICS 21 Mathematics 21 is a modified 20 level mathematics course. Mathematics 21 satisfies the Ministry of Education graduation requirements but does not serve as a prerequisite for 30 level mathematics courses. This course focuses on developing math skills used in everyday life at a learning pace suited for all students in the class. In this course, emphasis is placed on making informed decisions about finances, home design and maintenance, personal recreation and wellness, and travel. All of the concepts and content relate to the themes: *Earning and Spending Money, Home, Recreation and Wellness, and Travel*. To register in Mathematics 21, please contact a School Counsellor.

Prerequisite: Mathematics 11, Workplace & Apprenticeship 10, or Foundations of Mathematics & Pre-Calculus 10

PRE-CALCULUS 20 This course is designed to provide students with the mathematical understandings and critical-thinking skills identified for entry into post-secondary programs that require the study of theoretical calculus. Topics include algebra, relations and functions, and trigonometry.

Prerequisite: Foundations of Mathematics & Pre-Calculus 10

WORKPLACE & APPRENTICESHIP MATHEMATICS 20 This course is designed to provide students with the mathematical understandings and critical-thinking skills identified for entry into some post-secondary institutions, many of the trades, and the workplace. This course is the prerequisite for Workplace and Apprenticeship Mathematics 30. Topics include relations and functions, geometry, trigonometry, measurement, statistics, financial mathematics, and logic.

Prerequisite: Workplace & Apprenticeship 10

FINANCIAL LITERACY 20 – See the Financial Literacy (Page 8) for this course description.

30 Level Course Descriptions

CALCULUS 30 Calculus 30 involves a study of limits, the derivative function and its application to problem solving and graphing, and integration and its applications.

Prerequisite: Pre-Calculus 30

FOUNDATIONS OF MATHEMATICS 30 This course is designed to provide the mathematical understandings and critical-thinking skills to students who are planning on pursuing a post-secondary program and future career that is not math intensive. Topics include relations and functions, data analysis, probability, financial mathematics, logic, set theory, and combinatorics.

Prerequisite: Foundations of Mathematics 20

INTEGRAL CALCULUS 30 This course is for students in the Advanced Math program. Integral Calculus 30 is designed to challenge motivated and mathematically inclined students, in order to prepare them for the rigours of post-secondary mathematics. Students will explore more advanced Calculus topics than those studied in Calculus 30. This will consolidate and strengthen their algebraic and calculus understandings and skills. Students will have the opportunity to write the AP Calculus exam in May. Depending on the results of their AP exam, students may receive a credit for a first-year university math course.

Prerequisite: Calculus 30

PRE-CALCULUS 30 This course is designed to provide students with the mathematical understandings and critical-thinking skills identified for entry into post-secondary programs that require the study of theoretical calculus. Topics include relations and functions, trigonometry, and combinatorics.

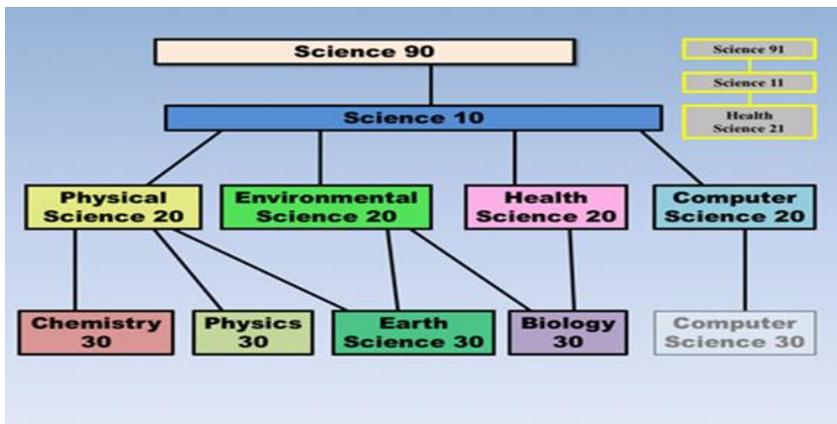
Prerequisite: Pre-Calculus 20

WORKPLACE & APPRENTICESHIP MATHEMATICS 30 This course is designed to provide students with the mathematical understandings and critical-thinking skills identified for entry into some post-secondary institutions, many of the trades, and the workplace. This course is the prerequisite for Workplace and Apprenticeship Mathematics 30.

Topics include relations and functions, geometry, trigonometry, measurement, statistics, financial mathematics, and logic.

Prerequisite: Workplace & Apprenticeship 20

7. SCIENCES



SCIENCE 10 extends the basic concepts from Science 90. Students will examine climate and ecosystem dynamics, continue to learn about chemistry and chemical reactions and study physics related to forces and motion.

Prerequisite: Science 90

SCIENCE 11 is a modified course that can be used to fulfill the grade 10 science requirement. Students in Science 11 require appropriate adaptations to meet individual learning needs. The outcomes and indicators in this locally modified course have been adapted from the Science 10 course. Learning areas include: Climate and Ecosystem Dynamics; Chemical Reactions; Force and Motion in our World and Career Investigation.

Prerequisite: Science 90 or 91

COMPUTER SCIENCE 20 prepares individuals who value computer science and appreciate its role in society. The Computer Science program is intended to stimulate a spirit of inquiry by developing a variety of problem solving and decision-making skills and abilities. Students will learn about computer hardware, software, computer networks, the Internet and computer programming practices.

Prerequisite: Science 10

ENVIRONMENTAL SCIENCE 20 Students will learn how to examine local and global environmental issues such as climate change, water, soil, and air quality, urbanization, bioresource management, waste handling and disposal, land-use planning, and the impacts of agriculture and industry on the environment from scientific and Indigenous knowledge perspectives. Students will examine the role of environmental policies and ethics on decision-making and will investigate environmental science related careers. Student directed studies will lead to the development of environmental action plans. This course will be facilitated with an inquiry focus which will be accomplished through a breadth of learning contexts including scientific inquiry; technological problem solving; cultural perspectives; and scientific, technological, societal and environmental decision making.

Prerequisite: Science 10

ENVIRONMENTAL SCIENCE 21 is a modified course that can be used to fulfill a grade 11 science requirement. Students in Environmental Science 21 require appropriate adaptations to meet individual learning needs. The outcomes and indicators in this course have been adapted from the Environmental Science 20 course. Learning areas include: Local and Global Environmental Issues, Impact of Agriculture and Industry on the Environment and the Role of Environmental Policies and Ethics on Decision Making.

Prerequisite: Science 10 or 11

HEALTH SCIENCE 20 This course will challenge students to look at the health science field from holistic and analytic perspectives to provide a basis for making sound personal health choices. Students will apply information in the areas of medical knowledge systems and ethics, human anatomy and physiology, nutrition and medical diagnostics. Understanding the basic anatomy and physiology of the human body will provide a context for studying the normal and abnormal functioning of various body systems and the tools and techniques used to diagnose those systems. In addition, students will be exposed to various health science careers.

Prerequisite: Science 10

PHYSICAL SCIENCE 20 This course combines elements of chemistry and physics in an integrated hands-on manner to investigate concepts related to heating and cooling, the foundations of chemistry, including the mole and quantitative analysis of molecules and chemical reactions, and the characteristics and properties of electromagnetic radiation.

A strong mathematics background is essential.

Prerequisite: Science 10

BIOLOGY 30 examines the significance of evolution as a key unifying theme in biology and explores what life is and how it changes over time. Students will examine life in all kingdoms through the study of biochemistry, organism complexity and structural functionality. In genetics and biotechnology, students will explore inheritance, and how information is stored, transmitted and expressed at the chromosomal and molecular levels.

Prerequisite: Health Science 20 or Environmental Science 20

CHEMISTRY 30 continues the themes developed in Physical Science 20 with a focus on the applications of many chemical phenomena. Discussions of topics such as chemical bonding, atomic theory, organic chemistry, equilibrium, acids and bases, and electrochemistry are included. This rigorous course is intended to prepare students for university-level chemistry. **A strong mathematics background is essential.** This course is designed to prepare students for post secondary chemistry and engineering.

Prerequisite: Physical Science 20 and Foundations 20 or Pre-Calculus 20

PHYSICS 30 enables students to investigate concepts related to modern physics such as quantum mechanics, relativity and nuclear physics. Students will analyze the forces that cause motion using Newtonian mechanics. Using the conservation laws of momentum and energy, students will analyze and predict the results of interactions between objects. Lastly, student will explore gravitational, electric and magnetic fields and their interactions. It builds upon the physics introduced in Science 90, Science 10 and Physical Science 20. This course is designed to prepare students for university physics and engineering. **A strong mathematics background is essential.**

Prerequisite: Physical Science 20

8. SOCIAL SCIENCES

HISTOIRE 10 has content which parallels that of History 10. The language of instruction is French. *Prerequisite: Sciences Humaines 90*

HISTORY 10 This course involves an exploration of the social, cultural, political and economic changes during the 18th and 19th centuries. In addition, it emphasizes the role of ideology as a catalyst for revolutionary and reactionary change. *Prerequisite: Social Studies 90*

HISTOIRE 20 has content which parallels that of History 20. The language of instruction is French. *Prerequisite: Histoire 10*

HISTORY 20 The central focus of this course is exploring the underlying forces and conflict that shaped the 20th century. With a blend of historical and current events the course offers an excellent opportunity for students to gain a global perspective on world history up to the present day. *Prerequisite: History 10 or Indigenous Studies 10*

HISTORY 30 As a survey course, this class examines the development of Canada and the role Canada has had in global events. In addition, the course emphasizes the cultural diversity of Canada through historical and current perspectives. *Prerequisite: None*

INDIGENOUS STUDIES 10 is a study of the historical and contemporary Indigenous peoples on Turtle Island. An introduction to Indigenous perspectives on identity and worldview, community and kinship, governance and economics will be covered. *Prerequisite: Social Studies 90*

INDIGENOUS STUDIES 20 is a study of the issues surrounding the common struggle of colonialism and the loss of sovereignty of Indigenous peoples worldwide. A study of treaty, self-determination and self-government and social justice of Indigenous peoples is compared and contrasted to the colonial history and pre-history of Indigenous peoples in Canada. *Prerequisite: Indigenous Studies 10 or History 10*

INDIGENOUS STUDIES 30 examines topics involving Indigenous peoples in Canada. To gain an understanding of current Indigenous movements in Canada, study involving Aboriginal and treaty rights, governance, land claims, social and economic development, and the efforts of Indigenous peoples to reclaim sovereignty through decolonization will be examined. *Prerequisite: None*

LAW 30 emphasizes the practical aspects of law. Topics include, the history, narrative and development of law, the court system and how it works, and the the Canadian Charter of Rights and Freedoms as reflected through our democracy. Students will study the various categories of law, such as Criminal, Family, Civil and Tort Law, as well as understanding the Youth Criminal Justice Act. When available, presentations can be offered by the Saskatoon City Police, and other professionals who work within "the law" (lawyers, law students, social workers, correction officers, etc.) *Prerequisite: None*

PSYCHOLOGY 30 deals with developmental psychology as a field of psychology that focuses on human development across the life span. Students will learn about human growth and changes in behaviour associated with age, including the various stages of development from infancy through childhood, adolescence, adulthood, and old age. Students will learn how psychological studies are conducted and engage in studies of

their own. Students will be encouraged to re-assess preconceived ideas and prejudices and begin to discover how psychological theories, methods, and studies lead to greater understanding of how, in general, humans think, feel, and behave relative to each stage of development.

Prerequisite: None

SCIENCES SOCIALES IMMERSION 30 has content which parallels that of History 30. The language of instruction is French.

Prerequisite: Histoire 20

9. LEARNING ASSISTANCE

Learning assistance tutorials are available to students enrolled- in regular or modified programming who have identified learning needs. Learning assistance tutorials provide students with scheduled time in their school day to work independently on their academic courses. Students are offered academic support, as well as guidance in time management, organization, study skills and self-advocacy. Tutorials are non-credit classes.

10. SPECIAL NEEDS

FUNCTIONAL INTEGRATED PROGRAM is provided for students with significant multiple or intellectual disabilities, who require highly individualized programming in order to meet their needs. This program may involve integration in classes, extra-curricular community participation, work experience, tutorial, life skills, and social skills programming. St. Joseph High School has a commitment to faith-based instruction and inclusion for all students, where individual strengths, abilities, interests, and needs are supported.

ALTERNATIVE EDUCATION PROGRAM is for students who experience significant difficulty with both the regular and modified programs, Level 18;28/38 credits are available. The curriculum and teaching style is adapted to help students achieve success in their studies.

11. ENGLISH AS AN ADDITIONAL LANGUAGE (E.A.L.)

At St. Joseph High School, we offer support to students who are learning English. Our goal is to help English language learners increase proficiency in their social and academic language, achieve success in their academics, and complete requirements for graduation. Support in learning English is provided in a variety of ways: through EAL credit classes, sheltered instruction classes, and EAL tutorials. Course offerings are dependent on student need and enrolment.

Learning English requires time and hard work. Students should consult with EAL teachers and school counsellors to assist them in choosing their classes.

INTRODUCTION TO ENGLISH: EAL A10L (CFR A1.1) This course is for English learners with limited exposure to English. It provides language development opportunities in all skill areas: listening, speaking, reading, and writing.

ENGLISH AS AN ADDITIONAL LANGUAGE: EAL B10L (CFR A1.2) This course is for English learners who have had some formal instruction in English or for those who have received credit for EAL A10L. It provides further language development opportunities in all skill areas: listening, speaking, reading, and writing.

ENGLISH AS AN ADDITIONAL LANGUAGE: EAL A20L AND EAL B20L (CFR A2.1)

These classes are designed for English learners who have previously studied English and need to strengthen their language skills to prepare for, or support, mainstream academic classes.

ENGLISH AS AN ADDITIONAL LANGUAGE: TUTORIAL CLASSES

EAL tutorials are for English learners who require additional support with their academic courses. During EAL tutorials, students are provided with additional time to focus on their studies and learn subject-specific skills in English. Students receive individual or small group support in order to complete assignments or homework, practice presentations, and prepare for tests. Tutorials are non-credit courses.

ENGLISH AS AN ADDITIONAL LANGUAGE: SHELTERED CLASSES

Sheltered classes are content based, but also include opportunities for language development. We offer a variety of sheltered classes including English Language Arts (90, 10, 20), History (20). Students will be placed in sheltered classes based on the recommendation of EAL teachers and administration.

12. EXTENSION

Extension courses are available to students enrolled in regular or modified programming. This program is designed to support students who require additional support and monitoring due to either academic, behaviour and/or attendance issues. Extension courses are designed based on need and are typically available to grade 10-12 students. Class sizes are smaller than in other mainstream courses.

ADVANCED PLACEMENT OFFERINGS (AP) provide enriched content and university-like structures and expectations for students whose abilities and interests suit the opportunity. AP students are eligible to write challenge exams in May of their Grade 12 year. Success in these standardized, international examinations gives candidates accelerated university credits at hundreds of colleges and universities in North America and beyond. Students will be required to commit to writing AP exams by mid-November each year, with payment to be received by February 28th. As with other programs within the school, the payment will take place through MySchoolBucks. The cost of each AP exam is \$125.00. If you are not able to cover the cost of the exam, please contact your school administrator. At present, we offer the following AP courses:

- Studio Art 30AP
- Calculus 30AP
- English 30AP

Students in French Immersion may wish to challenge the French AP exam in the second semester of their Grade 12 year.

To qualify for Advanced Placement Francais students must maintain an overall average of 80% as well as an average of 85% in Frim 20 and Frim 30.

Students and parents who are interested in AP programs should contact an Assistant Principal, a counsellor, or the Department Head for more information.

St. Joseph High School Principal's Honour Roll Requirements

Averages are calculated as follows in determining the Principal's Honour Roll. The aggregate mark at each grade level must be 80% or higher. Students on the Honour Roll with an average of 90% or higher will receive the designation of "Distinction". Honour Roll averages are calculated up to two decimal places (*averages are not rounded up*)

Grade 9- 8 final marks-aggregate minimum mark is: $640 \div 8 = 80\%$

Catholic Studies 90	Phys. Ed 90
Mathematics A90	Math B90
English A90	English B90
Science 90	Social Studies 90

*** French Immersion students will substitute Francais Immersion 90A, or Francais Immersion 90B for one of the English 90**

Grade 10 – 8 final marks - aggregate minimum mark is; $640 \div 8 = 80\%$ (Only Level 10 marks are used)

Catholic Studies 10	Science 10
English A10	Wellness 10
English B10	History or Indigenous Studies 10
Foundations of Math 10 or Workplace Apprenticeship 10	<i>and Next Highest Level 10 Elective</i>

*** French Immersion students may substitute Francais Immersion 10 for one of the English 10**

Grade 11 – 7 final marks - aggregate minimum mark is; $560 \div 7 = 80\%$ (Only Level 20 marks are used)

Catholic Studies 20	One (1) Level 20 Mathematics
English 20 or Francais Immersion 20	One (1) Level 20 Science
	<i>and Three (3) Highest Level 20 Electives</i>

*** French Immersion students may substitute Francais Immersion 20 for English 20**

Grade 12 – 8 final marks - aggregate minimum mark is; $640 \div 8 = 80\%$ (Only Level 30 marks are used)

Catholic Studies 30	History 30 or Indigenous Studies 30
English A30	English B30
	<i>and Next Four (4) Highest Level 30 Electives</i>

*** French Immersion students may substitute Francais Immersion 30 for one of the English 30**

Grade 12 students enrolled in a cyber course (elective or required) must be at least half-way through the course and have a mid-term mark at the St. Joseph semester 2 mid-term date for it to be used in the honour roll calculation.

**ADMISSION REQUIREMENTS
POST-SECONDARY INSTITUTIONS**

THE UNIVERSITY OF SASKATCHEWAN

website:

<http://explore.usask.ca/admission/requirements/sk/>

SASKATCHEWAN POLYTECHNIC

Saskatoon Campus 1-866-467-4278

Web Site: <http://www.saskpolytech.ca>

All students are advised to consult with Student Services prior to applying to post-secondary institutions regarding information on admission requirements, obtaining transcripts, scholarship information and future planning.

ST