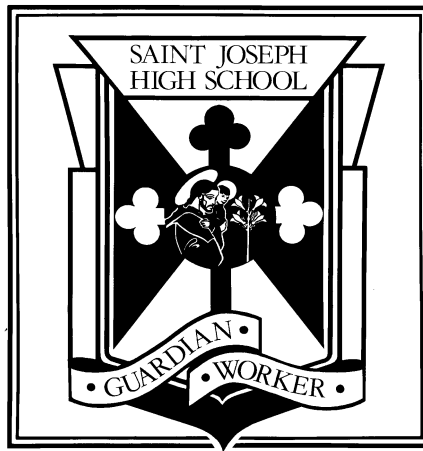


ST. JOSEPH HIGH SCHOOL



**Registration Information
Grades 10, 11 and 12
2018 - 2019**

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Saskatoon, Saskatchewan
S7S 1H1**

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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 2018 - 2019 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 uniform.
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
10. Students registering from out of province or outside the Greater Saskatoon Catholic Schools system need to make an appointment with an administrator and are required to bring a copy of their **original** transcripts.

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	Christian Ethics 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	AT LEAST ONE OF: Math: Foundations 20 or Pre-Calculus 20 or Workplace & Apprenticeship 20	
Math: Foundations & Pre-Calculus 10		
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 Drama 10 Indigenous Studies 10 Industrial Arts 10 Music 10 Photography 10 Post Intensive French 10 Visual Arts 10 Welding 10	Animation 20 Baking & Food Preparation 20 Band 20 Career & Work Exp. 10/20 Choral 20 Communications Media 20 Computer Science 20 Graphic Arts 20 Drama 20 Fitness and Training 20 Indigenous Studies 20 Industrial Arts 20 Music 20 Photography 20 Physical Education 20 Boys Physical Education 20 Girls Post Intensive French 20 Visual Arts 20 Welding 20	Band 30 Biology 30 Calculus 30 Career & Work Exp.A30/B30 Chemistry 30 Choral 30 Cloth. Textiles & Fashion 30 Creative Writing 20 Advanced (For English AP students only) Drama 30 Fitness and Training 30 Food Studies 30 Math: Foundations 30 Graphic Arts 30 Industrial Arts 30 Integral Calculus 30 (For Math AP students only) Interior Design 30 Law 30 Music 30 Photography 30 Physical Education 30 Boys Physical Education 30 Girls Physics 30 Post Intensive French 30 Math: Pre-Calculus 30 Psychology 30 Visual Arts 30 Math: Workplace & Appren. 30
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, 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
Education Chrétienne 10	Education Chrétienne 20	Education Chrétienne 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
	Français Immersion Intégré 20	
Histoire 10	Histoire 20	Sciences Sociales Immersion 30
Milieu de travail et formation d'apprentis 10	AT LEAST ONE OF: Math: Foundations 20 Math: Pre-Calculus 20 Math: Workplace & Appr. 20	
Fondements des mathématiques et Précalcul 10		
Science 10		
Wellness 10	AT LEAST ONE OF: Environmental Science 20 or Health Science 20 or Physical Science or Computer Science 20	
LEVEL 10 ELECTIVES	LEVEL 20 ELECTIVES	LEVEL 30 ELECTIVES
Band 10 Choral 10 Cloth. Textiles & Fashion 10 Commercial Cooking 10 Drama 10 Post Intensive French 10 Indigenous Studies 10 Industrial Arts 10 Music 10 Photography 10 Visual Art 10 Welding 10	Baking & Food Preparation 20 Band 20 Career & Work Exp. 10/20 Choral 20 Communications Media 20 Computer Science 20 Drama 20 Graphic Arts 20 Post Intensive French 20 Fitness and Training 20 Indigenous Studies 20 Industrial Arts 20 Music 20 Photography 20 Physical Education 20 Boys Physical Education 20 Girls Visual Art 20 Welding 20	Band 30 Biology 30 Calculus 30 Career & Work Exp. A30/B30 Chemistry 30 Choral 30 Cloth. Textiles & Fashion 30 Communication Media 30 Creative Writing 20 Advanced (For English AP students only) Drama 30 Fitness and Training 30 Food Studies 30 Math: Foundations 30 Graphic Arts 30 Industrial Arts 30 Integral Calculus 30 (For Math AP students only) Interior Design 30 Law 30 Music 30 Photography 30 Physical Education 30 Boys Physical Education 30 Girls Physics 30 Post Intensive French 30 Math: Pre-Calc 30 Psychology 30 Visual Art 30 Math: Workplace & Appren. 30
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, 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. ARTS EDUCATION

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 expectation for Senior Band students. Previous band experience is mandatory. Parents become members of the Music Parent Association. A uniform is required.

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. All students must purchase a uniform. Parents become members of the Music Parent Association. Travel may be required.

DRAMA 10 is a creative drama class in which students explore the joy of acting on stage. Through scene work, monologues, and theatre games, students will develop techniques in improvisation, voice, movement, characterization, and script writing. Students will also learn about theatre by observing a public performance and completing a play critique. The final acting project is to write and produce a mini-movie or small stage production.
Prerequisite: None

DRAMA 20 is a creative drama performance class that builds on the acting skills listed above for Drama 10. This course dives deeper into sustained improvisation, as well as further experimentation with movement. Students will learn techniques in stunt combat, blocking, and directing. Performances include monologues, script work, TV scenes, and self-written scenes. Students will also learn about theatre by observing a public performance and completing a play critique. The final acting project is to write and produce a mini-movie or small stage production.
Prerequisite: Drama 10; special arrangements possible

DRAMA 30 is a challenging, creative performance class that builds on the skills listed above for Drama 10 and 20 level courses. Improvisation and performance are central to the course as students apply advanced characterization skills. Students will further develop skills in script-writing, directing, film-making, as well as script analysis. Stage and special effects makeup are explored as students replicate published photos or comic book sequences. Students will learn about theatre by observing a public performance and completing a play critique. The final acting project is to write and produce a mini-move or small stage production.
Prerequisite: Drama 20; special arrangements possible

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

VISUAL ART 10 gives students the opportunity to be creative and have fun learning the skills for drawing, painting, and sculpture. Students will make art projects that allow them to express themselves through different media. Visual Art 10 is a hands on class with a more relaxed classroom atmosphere that lays the foundation for Visual Art 20 and 30.

Prerequisite: None

VISUAL ART 20 has two main components - The first part of the class concentrates on building advanced art skills through a series of projects designed to stimulate artistic creative thought. Students learn to use advanced techniques and art concepts in drawing, painting, sculpture and printmaking. The second part of the class is about creating a personal portfolio of work based on a theme and the students' personal preferences. This portfolio could be used to apply for Advanced Placement Studio Art.

Prerequisite: Visual Art 10

VISUAL ART 30 Students at this level are encouraged to explore new ideas and new techniques through projects that have a larger focus on the world at large. The first part of the class concentrates on building advanced art skills through a series of projects designed to stimulate artistic creative thought. Students learn to use advanced techniques and art concepts in drawing, painting, sculpture and printmaking. Students develop their portfolio in the second part of the class. Students are encouraged to develop their portfolio with their own specific goals in mind. This portfolio could be used to apply for Advanced Placement Studio Art.

Prerequisite: Visual Art 20

2. CHRISTIAN ETHICS/CATHOLIC STUDIES

CATHOLIC STUDIES 10: Understanding the Call to Evangelize

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

*Prerequisite: Christian Ethics 90 or
Catholic Studies 90*

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.

CATHOLIC STUDIES 20: Exploring the Joy of a Catholic Identity

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

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.

EDUCATION CHRÉTIENNE 10 has content which parallels that of Christian Ethics 10.

Prerequisite: Education Chrétienne 90

EDUCATION CHRÉTIENNE 20 deals with Church history, morality, the formation of Christian conscience, and Social Justice. As part of Christian Ethics 20, students will be required to complete a ten-hour service project in order to fulfill course requirements.

Prerequisite: Education Chrétienne 10 or Catholic Studies 10

CHRISTIAN ETHICS 30 focuses on Christian spirituality, vocations, sacraments, relationships, and world religions. A service project, with a required minimum of ten hours of personal time must be completed to fulfill course requirements.

Prerequisite: Christian Ethics 20

EDUCATION CHRÉTIENNE 30 has content which parallels that of Christian Ethics 30.

Prerequisite: Education Chrétienne 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 10A (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.

Prerequisite: English Language Arts 20A.

CREATIVE WRITING 20 ADVANCED – this course is designed for students in the Advanced English Program. Emphasis is placed on developing critical analysis and writing skills, with opportunities to explore the creative writing process. Students have the option to write the College Board Literature and Composition Exam in May.

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, Fitness, Stress Management, Positive Relationships, and Nutrition.

Prerequisite: Physical Education 90

FITNESS AND TRAINING 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, aquatics, slow-pitch, weight training, ultimate Frisbee, rugby, ice games, fitness tours, dance, billiards, 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: squash, kayaking, tennis, yoga, golf, lawn bowling, bowling, curling, badminton, table tennis, indoor games,

outdoor games, aquatics, slow-pitch, weight training, ultimate Frisbee, rugby, fitness tours, dance, billiards, and others. There is a fee associated with this class.

5. LANGUAGES

POST INTENSIVE FRENCH 10 is designed for students who have completed Post Intensive French 90. The goal of the program is to further develop literacy skills in oral communication, reading, and writing using a project approach.

Prerequisite: Post Intensive French 90

POST INTENSIVE FRENCH 20 is designed for students who have completed Post Intensive French 10. Further study is involved with oral communication, reading, and writing.

Prerequisite: Post Intensive French 10

POST INTENSIVE FRENCH 30 is designed for students who have completed Post Intensive French 20. Students will work towards mastery of French communication.

Prerequisite: Post Intensive French 20

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

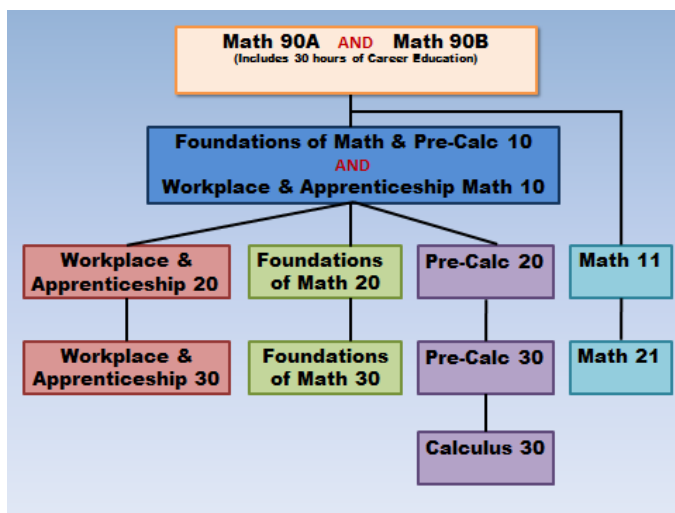
FRANÇAIS IMMERSION INTÉGRÉ 20 uses French as the language of instruction and communication to explore themes and elements of the contemporary world, such as cinema, sociology, and/or psychology. French language skills will be part of the assessment.

Prerequisite: Français Immersion 10

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 20.



Graduation requirement for mathematics is any 20 level course. Students can take more than one pathway at the 20 and 30 level.

10 Level Course Descriptions

In Grade 10, students will complete both Grade 10 Mathematics courses: **Workplace and Apprenticeship Mathematics 10** & **Foundations of Mathematics and Pre-Calculus 10** as part of their math program. The material in both courses is rigorous and contains essential math concepts that will benefit students in whichever future pathway they choose. The combined content from both courses will allow students to develop a deep foundational understanding of mathematics.

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

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 factoring, exponents, relations and functions, linear functions, and systems of equations.

Prerequisite: Mathematics 90

Workplace & Apprenticeship Mathematics 10 and Foundations of Mathematics & Pre-Calculus 10 (extended)

This class is designed for students who struggle in math, but are capable of the regular program with extra time and assistance. This class is two courses 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: Mathematics 90

French Immersion students in Grade 10 will complete both Grade 10 Mathematics courses: Milieu de travail et formation d'apprentis 10 and Fondements des mathématiques et précalcul 10 as part of the French Immersion Program. After the Grade 10 level math courses, French Immersion students will join the English Mathematics courses at the 20 level. French Immersion students also have the option of joining the Advanced Mathematics program in Grade 11.

Milieu de travail et formation d'apprentis 10

This course is for students in the French Immersion Program. It covers the same topics as Workplace and Apprenticeship Mathematics 10.

Prerequisite: Mathématiques 90

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.

Prerequisite: Mathématiques 90

Mathematics 11

Mathematics 11 is a modified 10 level mathematics course. This course focuses on improving basic math and algebraic skills taught in grade nine as well as 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*. This course is a prerequisite for Mathematics 21.

To register in Mathematics 11, please contact a school counsellor.

Prerequisite: Mathematics 90 or 91

20 Level Course Descriptions

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

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

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

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

Foundations of Mathematics 20 and 30 (Extended)

This class is designed for students who struggle in math, but are capable of the regular program with extra time and assistance. This class is two courses 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

30 Level Course Descriptions

Workplace & Apprenticeship Mathematics 30

This course is designed to provide students with the mathematical understandings and critical-thinking skills identified for entry into post-secondary institutions, such as Saskatchewan Polytechnic and the University of Regina, many of the trades, and the workplace. Topics include relations and functions, geometry, trigonometry, measurement, statistics, probability, financial mathematics, logic, and puzzles and games.

Prerequisite: Workplace & Apprenticeship 20

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

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

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

Advanced Math Program

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.

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

Advanced 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.

Integral Calculus 30

Integral Calculus 30 is designed to challenge motivated and mathematically able students and to prepare them for the rigours of post-secondary mathematics. Students will explore more advanced Calculus topics than are studied in Calculus 30 and will thereby consolidate and strengthen their algebraic and calculus understandings and skills. This course is for students in the advanced math program. 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

Extended Math Program

	Semester 1	Semester 2
Grade 10	MWA10 and MFP10 over three semesters	MWA10 and MFP10 over three semesters
Grade 11	MWA10 and MFP10 over three semesters	MFO20 and MFO30 over three semesters
Grade 12	MFO20 and MFO30 over three semesters	MFO20 and MFO30 over three semesters

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

7. PRACTICAL AND APPLIED ARTS

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 which include pre-production, production and post production. *Prerequisite: None*

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*

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*

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 one or more 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 post production.

Prerequisite: Communication Media 20

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 hand-on projects and assignments culminating in a final portfolio project of selected works from class.

Prerequisite: None

GRAPHIC ARTS 30 refines knowledge, skills, and abilities in digital graphic arts at an advanced level. Students will explore graphic arts through hand-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

INTERIOR DESIGN 30 is a course that studies the elements and principles of design. An in-depth look at color and its effect on interiors will be covered. Students will learn how to complete color boards, design plans and may choose the option to redesign a space in their own homes. There is a fee for this class with an additional cost for projects.

Prerequisite: None

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. It is recommended that students with advanced computer and digital camera knowledge begin their studies in Photography 20. Students will explore photography through hand-on projects and assignments culminating in a final portfolio project of selected works from class.

Prerequisite: None

PHOTOGRAPHY 20 – see Photography 10 course description. Students will refine their skills in photography. Students will explore photography through hand-on projects and assignments culminating in a final portfolio project of selected works from class.

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 hand-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

PRACTICAL AND APPLIED ARTS SURVEY A10 (INDUSTRIAL ARTS 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.

Prerequisite: Practical Arts 90

PRACTICAL AND APPLIED ARTS SURVEY A20 (INDUSTRIAL ARTS 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: Practical & Applied Arts Survey A10

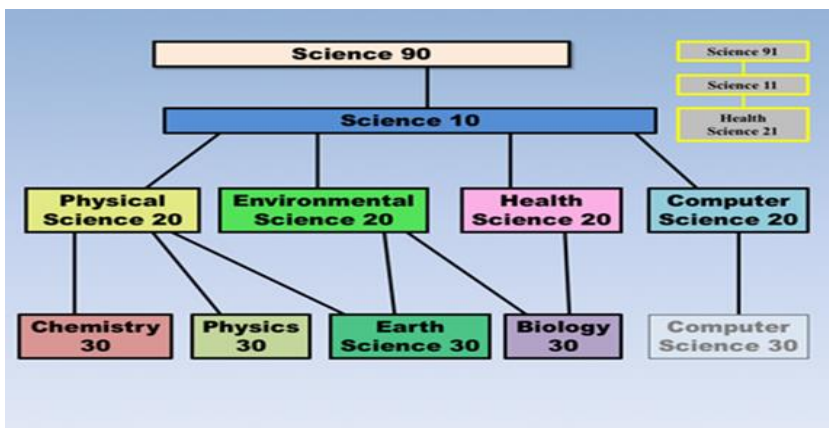
PRACTICAL AND APPLIED ARTS SURVEY A30 (INDUSTRIAL ARTS 30) requires the student to complete a major project using the skills, concepts, and processes learned in Practical and Applied Arts A20. Students will be required to pay for materials used to build their project.

Prerequisite: Practical & Applied Arts Survey A20

WELDING 10/20 are courses where students are introduced to the theory and practice of electric arc welding, MIG welding, and plasma and oxy-acetylene 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 20

8. SCIENCES



SCIENCE 10 is an interdisciplinary course. The course follows the newly developed Saskatchewan curriculum for science. Topics covered include: ecology, motion, and chemistry.

Prerequisite: Science 90

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

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 metabolism, 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. Students will also investigate the range of health science careers and post-secondary programs available in Saskatchewan. 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

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. An overarching theme is the study of the enterprise of public and private science as it occurs in agriculture, industry, and universities to help students better understand the physical science related career paths. Student inquiry will guide independent investigations of physical science phenomena. 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. **A strong mathematics background is essential.**

Prerequisite: Science 10

BIOLOGY 30 continues an emphasis on laboratory work and to examine the significance of evolution as a key unifying theme in biology and to explore what life is and how it changes over time. Students will examine the organization of life in all kingdoms through the study of biomolecules, cellular processes and organism function. In genetics and biotechnology, students will explore inheritance, and how information is stored, transmitted and expressed at chromosomal and molecular levels. Student inquiry will guide independent investigations of biology-related phenomena.

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 course is intended to prepare students for university-level chemistry. **A strong mathematics background is essential.**

Prerequisite: Physical Science 20

PHYSICS 30 will provide students with knowledge of the concepts related to vectors, motion, mechanics, energy, gravity, electricity, magnetism, modern physics and nuclear physics. The history of physics and its applications will be considered, as well as an introduction to Relativity, Quantum Mechanics and Modern Physics. **A strong mathematics background is essential.**

Prerequisite: Physical Science 20

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

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

9. SOCIAL SCIENCES

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

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

HISTOIRE 20 has content which parallels that of History 20. The language of instruction is French.
Prerequisite: Histoire 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: History 20 or Indigenous Studies 20

SCIENCES SOCIALES IMMERSION 30 has content which parallels that of History 30. The language of instruction is French.
Prerequisite: Histoire 20

INDIGENOUS STUDIES 10 is a study of the historical and contemporary Indigenous people 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 people worldwide. A study of treaty, self-determination and self-government and social justice of Indigenous people 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 contemporary Indigenous people. 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 people to reclaim sovereignty through decolonization will be examined. *Prerequisite: Indigenous Studies 20 or History 20*

LAW 30 emphasizes the practical aspects of law. Topics include the history and development of law, the court system, the Charter of Rights and Freedoms, the Youth Criminal Justice Act, criminal law, civil law, family law and contract law. Visits from law professionals are part of the course, as are excursions to Queen’s Bench, Provincial Courts and the Correctional Centre. *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*

10. LEARNING ASSISTANCE

This program is available to students who require assistance because of learning difficulties. Students will receive support with study skills, test-taking strategies, organizational strategies, and time management. Tutoring is available in academic subjects. This is a non-credit program.

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

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

This course is for English learners who have had some formal instruction in English or for those who have received credit for EAL10L. It provides further language development opportunities in all skill areas: listening, speaking, reading, and writing.

English as an Additional Language: EALA20L and EALB20L

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.

ADVANCED PLACEMENT OFFERINGS (AP) provide enriched content and university-like structures and expectations for scholars 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. 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 80% in Francais 10, Francais 20 and Francais 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

The following is the criteria used for calculating the Principal's Honour Roll at St. Joseph High School.

Grade 9

For distinction, the sum of the final marks of all classes below must be an average of 80%.

For great distinction, the sum of all classes below must an average of 90%.

Christian Ethics 90 or Catholic Studies 90

English 90

General Fine Arts or Band 90

Mathematics A90

Mathematics B90

Phys. Ed 90

Science 90

Social Studies 90

Choral 90 (if applicable)

PIF90 (if applicable)

Grade 10

For distinction, the sum of the final marks in the 8 classes below must be a minimum of 640.

$640 \div 8 = 80\%$ average

For great distinction, the sum of the final marks in the 8 classes below must be a minimum of 720.

$720 \div 8 = 90\%$ average

Christian Ethics 10 or Catholic Studies 10

English A10

English B10

History or Indigenous Studies 10

Science 10

Wellness 10

Foundations of Math 10 or Workplace Apprenticeship 10

**For French Immersion students, substitute French Immersion10 for one of the English 10*

Next highest 10 level class

Grade 11

For distinction, the sum of the final marks in the 8 classes below must be a minimum of 640.

$640 \div 8 = 80\%$ average

For great distinction, the sum of the final marks in the 8 classes below must be a minimum of 720.

$720 \div 8 = 90\%$ average

Christian Ethics 20
English 20
History 20 or Indigenous Studies 20
One 20 level Math
One 20 level Science
Next 3 highest level 20 classes

Grade 12

For distinction, the sum of the final marks in the 8 classes below must be a minimum of 640.

$$640 \div 8 = 80\% \text{ average}$$

For great distinction, the sum of the final marks in the 8 classes below must be a minimum of 720.

$$720 \div 8 = 90\% \text{ average}$$

The 8 marks are made up of First Semester Final Level 30 marks, those previously completed & the mid-term marks of Second Semester.

If a student has not completed a Cyber School course in second semester, please understand that the midterm mark of that course is also what will be used to calculate the honour roll average at St. Joseph's midterm marking period.

Christian Ethics 30
English A30
English B30
History 30 or Indigenous Studies 30
Next 4 highest level 30 classes

**For French Immersion students, substitute French Immersion30 for one of the English 30*

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