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**BISHOP JAMES MAHONEY HIGH SCHOOL  
2011-2012**



**MISSION STATEMENT GREATER SASKATOON CATHOLIC SCHOOLS**

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

**ADMINISTRATOR'S MESSAGE**

Bishop James Mahoney High School is a faith-filled community that is guided by the teachings of Jesus Christ. We believe in being Christ, to ourselves and to each other. We are committed to Catholic Education that builds relationships which foster emotional, spiritual, intellectual and physical growth. We are committed to living and learning as taught by Jesus. At BJMHS we follow the motto of the late, Bishop Mahoney, "Fidelis Deus", God is Faithful. We recognize that we too are called to be faithful in all that we do, and to be in fellowship with one another, the world and our God.

*Cheryl Thorson and Rob Revering*



## ADVISORY PROGRAM

Bishop James Mahoney High School's Advisory Program is a concept developed and designed to make each student's transition to high school easier and assist students in the development of life skills. To this end, an advisory program tries to develop the student's physical, moral and intellectual qualities.

This program is designed to build more intimate, Christian relationships between groups of students and staff within the larger school community. Parents and students will realize that there is one teacher in the school who will come to know each student as a unique individual apart from her/his role as a student in a particular course. This mentor relationship will afford the student a degree of security and guidance while at the school.

The advisory program is an integral part of our Saints community; therefore, anyone wishing to be a student of Bishop Mahoney High School must willingly and cooperatively take part in the advisory group and its activities.

## INTRODUCTION

Bishop James Mahoney High School is a semestered high school using a daily schedule of five academic periods. The first semester begins in late August and is completed after the Christmas break. The second semester begins in late January and ends in late June. This booklet provides information for students and parents/guardians to use while determining program and course selection for the 2011-2012 academic year. Program decisions should be made with the collaboration of students, parents/guardians and a school counsellor or administrator. Registration procedures should be completed by March of 2011 to ensure the availability of selected courses. All courses listed are offered for student selection at the time of printing. **Whether a course will be taught during the 2011-2012 academic year will depend upon student demand and availability of staff.**

### A. ENGLISH PROGRAM

#### **Regular Program**

The Regular Program fulfills the requirements of study as outlined by the Ministry of Education.

### **Advanced Placement Program**

The Advanced Placement or AP Program offers college level courses and exams for high school students and is offered to students in Grade 12. The courses are designed to offer a challenging and internationally recognized program for academically motivated students. At Bishop James Mahoney High School, Immersion students have an opportunity to challenge the AP French Language exam and students enrolled in Visual Arts 30 may produce a Studio Art portfolio for submission to the College Board. Pre-Advanced Placement English courses are offered in Grades 10-11 and upon recommendation of the English Department; students have the option of pursuing Advanced Placement English in Grade 12.

### **Modified Program**

Modified courses are designed to meet the needs of students who are academically challenged in regular courses due to content or the pace of instruction. Regular courses are modified in content, processes and evaluative procedures. These courses are identified using a “1” *eg. MA91*. Courses for students are selected after consultation with students, parents, elementary/high school teachers, high school counsellors and administrators.

## **B. FRENCH IMMERSION PROGRAM**

This program is designed as a continuation of the French Immersion Programs offered in the Greater Saskatoon Catholic Elementary Schools. The program provides an opportunity for students to continue their studies in French and to graduate with a French Bilingual Diploma. Students in the French Immersion Program have access to the Advanced Placement English. To graduate with a Bilingual Diploma, students must complete twelve courses at the Grade 10, 11 and 12 level where the language of instruction is French.

## **C. ADDITIONAL EDUCATION PROGRAMS**

These programs are designed for students with special needs who are unable to fulfill the requirements for regular or modified credits in the mainstream program. The Additional Education Program consists of:

### **Alternative Education Program**

Alternative Education level courses are designed to meet the special needs of students who require curricula that are significantly different from those available in the modified level of the English Program. These courses are identified using an “8” *eg. MA18, 28, 38*.

Within each grade level, a student must complete a minimum of eight courses that may include various combinations of courses from

regular, modified and alternative programs. Suitability for the Alternative Education Program is determined during the Grade 9 year.

Although students in the Alternative Program receive credits with the Ministry of Education, post-secondary opportunities are limited.

### **Functional Integrated Program**

These courses are designed for students with intellectual disabilities. The program involves integration in the mainstream classroom, and community, as well as work experience, tutorial, life skills and social skills programs. Students do not receive credit from the Ministry of Education.

The parents or guardians of each student are involved in developing the personal program plan. The spiritual, personal and academic growth of each student is the focus. Programming for these students is completed in consultation with a Special Needs teacher. Students are usually referred by a Learning Assistance Teacher from the school they are presently attending.

## **D. SPECIAL SERVICES**

A wide range of services are available to students at Bishop James Mahoney High School. These services form an integral part of the education process and are offered in response to specific needs of students.

### **a) Chaplaincy**

Bishop James Mahoney High School is founded on Christian beliefs. At the heart of our philosophy is the opportunity for every student and staff member to grow in Christian faith. Chaplaincy plays a key role in helping to provide this opportunity. The chaplain is involved in teaching the Word, in building community and in celebrating faith. This is accomplished through a variety of activities such as daily devotions, Morning Prayer, Liturgy of the Word, organizing Masses, Advent and Lenten activities, Reconciliation, retreats and community outreach projects. The chaplain attempts to reach out to all students and staff, with a particular emphasis on students new to the school, the lonely, the troubled and the bereaved. There are also opportunities for individual counselling.

### **b) Student Services Counsellors**

Our counselling program provides a large number of services and can take place in a variety of settings. One-to-one counselling may be used to deal with specific problems and/or to discuss academic concerns, career plans and personal matters. One-to-one counselling is done on a confidential basis. A social worker is available during certain times throughout the week to help students who are experiencing personal challenges related to family issues, truancy,

financial concerns or other serious personal situations. Career Development activities are facilitated by counsellors and take place in the classroom or as special presentations. Career planning and information about post-secondary institutions is available at the Student Services office, directly from the counsellors, or on student's Career Cruising Portfolios (available on school website under Student Services - Site Username *bjm* and Password *primrose*). A Career Practitioner is available during certain times throughout the week to help students with job and career exploration related activities and tasks as well as to assist counsellors with the career development program.

**c) Learning Assistance**

Learning Assistance offers tutorial help to students with identified learning needs in regular and modified programs. Students in Learning Assistance are scheduled daily for one hour periods using the regular classroom content. Help is provided with organization, time management skills, study skills and strategies. As well, students receive assistance with their subject class work. Referrals to Learning Assistance are made through student self-referrals, teachers, counsellors, administrators or parents. **This is a non-credit course.**

**d) English as an Additional Language (E.A.L.)/ English as a Second Dialect (E.S.D.)**

The English as an Additional Language/English as a Second Dialect Program is designed for students whose first language is not English or whose dialect is a variation of English. EAL/ESD students are provided with a variety of opportunities to develop their English skills. Emphasis is given to communicative skills using all four strands of language: listening, speaking, reading, and writing. The amount of time spent in EAL/ESD depends on the individual's needs. Tutorial classes are offered to help students with their other academic classes. Tutorials are non-credit courses.

**e) Extension**

In a mainstream high school there are students who will struggle academically due to issues in their life. These issues vary from social problems, poor attendance, personal problems, health issues, and teen pregnancy, and drug and alcohol abuse, traumatic events in his/her life. Any of these situations may interfere with how the student does academically. The Extension Program is designed to help these students cope with difficult issues so they can be successful. In this setting, students receive more one-to-one instruction while working on a regular credit in Christian Ethics, English, or History.

**E. GREATER SASKATOON CATHOLIC SCHOOL OFFERINGS**

**a) Greater Saskatoon Catholic Cyber School**

The Saskatoon Catholic Cyber School continues to serve the needs of students currently registered in the Greater Saskatoon Catholic Schools by providing programming options for students in Grade 9-12. Due to the speed at which these offerings are changing, a

complete list of current offerings and registration information can be found at: <http://www.scs.sk.ca/cyber>.

**b) Driver Ed**

A Driver Education Program is available at Bishop James Mahoney High School. Instruction is offered through Klassen Driving School. The in-class instruction consists of 30 hours of instruction offered after school from 3:30 P.M. to 5:30 P.M. during a four week period. The in-car, behind the wheel instruction involves six hours of driving. This portion of the program is scheduled during the school day including unassigned periods and noon hours. Six hours of in-car training should be completed prior to the student's sixteenth birthday. To be eligible for the Driver Education Program during the 2011 - 2012 school year, students must be in Grade 10, 11 or 12 and the student's birth date must be in the year 1994 or earlier. Students will register for Driver Education in May 2011.

## **GRADE 9 PROGRAM OVERVIEW**

Grade 9 students at Bishop James Mahoney High School are scheduled into classes for five one-hour instructional periods each day. To achieve Grade 9 standing, students must successfully complete the equivalent of ten Level 90 courses. As a result, students in Grade 9 do not have unassigned time. Students entering Grade 9 at Bishop James Mahoney High School may choose either the English Program or French Immersion Program. Additional Education Programs are also available for students with identified special needs. Each student who registers at Bishop James Mahoney High School as a Grade 9 student will be placed in a Grade 9 Core Subject Group. The Core Subject Group concept is designed to help students successfully make the transition from elementary to high school. In the Core Subject Group, each student will take four core subjects from one teacher. In the English Program, the courses are English A90, English B90, Christian Ethics 90 and Social Studies 90. In the French Immersion Program the courses are Français A90, Français B90, English 90 and Education Chrétienne 90.

As well as providing the "friendly face" concept, the Core Subject Group is designed to enhance communication with home; provide academic counselling; allow for early intervention and help students with organizational and study habit skills necessary to be successful in high school. Students who register in the English Program have the option of choosing regular or modified courses.

### **Regular Program**

Students entering the regular program will choose the four core courses, four other required courses, plus two elective courses for a total of ten courses (eleven courses if taking Choral).

**Co-Teaching**

Depending on need, up to 5 classes may be supported utilizing the co-teaching approach (English A90, English B90, Social Studies 90, Christian Ethics 90 and Math 90). A Learning Assistance teacher will work with subject area teachers to provide additional support to students who experience academic difficulties so that the students can achieve regular Grade 9 credits. Students are placed in co-taught courses after consultation with students, parents, elementary school teachers, and learning assistance teachers.

**Modified Program**

A student considering modified courses is not required to take all courses at the modified level. For instance, a student could be in modified English courses and regular mathematics. The selection of modified courses is dependent upon individual student needs in specific subject areas. Students are placed in modified courses after consultation with students, parents, elementary school teachers, high school counsellors and administration.

# GRADE 9 COURSE REQUIREMENTS

## A. ENGLISH PROGRAM

### REQUIRED COURSES

#### Core Subject Group

Christian Ethics 90  
English A90  
English B90  
Social Studies 90

Mathematics 90  
Science 90  
Health/Physical Education 90  
Mathematics 90B

❖ *Students must select one course from Group A*

Group A) **Arts Education:**

General Fine Arts 90  
**or**  
Band 90  
**or**  
Beginner Band 90

❖ *Students must select one course from Group B or Group C.*

Group B) **Languages:**

French 90  
Enhanced French 90 (students must have taken Enhanced French in elementary school)

**OR**

Group C) **Practical & Applied Arts:**

Industrial Arts 90  
Home Economics 90

Noon Hour Class - Choral 90

**B. FRENCH IMMERSION PROGRAM**

<b>REQUIRED COURSES</b>
<b>Core Subject Group</b> Education chrétienne 90 Français A90 Français B90 English 90
Sciences humaines 90 Mathématiques 90 Science 90 Health/Physical Education 90 Mathematics 90B
<b>ELECTIVE COURSES</b>
❖ <i>Students in the French Immersion Program select <u>one</u> course from the following:</i>  General Fine Arts 90 <b>or</b> Band 90 <b>or</b> Beginner Band 90  Noon Hour Class - Choral 90.

**GRADE 9 COURSE DESCRIPTIONS**

**1. REQUIRED COURSES**

**A. ENGLISH PROGRAM**

Christian Ethics 90

The purpose of this course is to assist young people in understanding both the joy and the demands of following in the way of Christ and living out the faith that our community professes in the Apostle's Creed. Using the Beatitudes as a touchstone, young people are invited to examine the attitudes and actions that characterize Christian life. They are encouraged to understand and nurture within themselves the virtues which will enable them to deepen their relationship with God in and through Christ in the context of a Spirit-filled community.

English A90

Students will learn about the English language and its conventions (usage, formats, sentence structure, vocabulary, spelling, punctuation) as they listen, speak, read, write, view, represent and study texts (including short stories, essays, scripts, poetry, novels and full-length non-fiction) associated with three units of study: All That I Am – The Search for Self; Indigenous and Norse Narratives; and Doing the Right Thing.

## English B90

Students will extend their knowledge about the English language and its conventions (usage, formats, sentence structure, vocabulary, spelling, punctuation) as they listen, speak, read, write, view, represent and study texts (including short stories, essays a Shakespearean play, poetry, novels and full-length non-fiction) associated with three units of study: Exploring Love, Loyalty and Relationships; Surviving and Conquering; and Our Shared Linguistic and Cultural Roots.

## Health/Physical Education 90

Health/Physical Education 90 focuses on the development of a lifetime commitment to physical activity and health-enhancing behaviour. Students participate in a variety of different activity components and are introduced to concept-based skill development. In addition to traditional activities, other components may include cross country running, discus, gymnastics, high jump, javelin, lacrosse, orienteering, swimming and weight training. The course also includes the development of positive attitudes towards physical activity, physical fitness, relationships, social behaviour and personal and group safety.

## Mathematics 90

Mathematics 90 is a full year course with the 2 terms named Math 90A and Math 90B

Mathematics 90 A: This course deals with powers and exponent laws, rational numbers, polynomials, linear equations and inequalities, and linear relations

Mathematics 90 B: This course deals with square roots and surface area, similarity and transformations, circle geometry, probability and statistics and 30 hours of career education. Note: A separate student progress report will be provided in the end of term report card envelope to show the student's achievement for the Career Education portion of the class.

Mathématiques 90 (required course for French Immersion): This course covers the same topics as Mathematics 90A

## Mathematics 91

Mathematics 91 is a modified 90 level mathematics course. This course focuses on improving basic math and algebraic skills at a learning pace suited for all students in the class. Topics include integers, rational numbers, and the laws of exponents, polynomials and equations.

## Science 90

Science 90 introduces the student to the 3 natural sciences. Units include Reproduction (Biology), Chemistry, Electricity (Physics) and a study of the Universe (Physics). Students will develop their skills in lab situations, discussions, and expand their math skills in science applications.

## Social Studies 90

This course explores world views of past societies and connections between the past and the present. Unit topics are based on the themes of Interactions and Interdependence, Dynamic Relationships, Power and Authority and Resources and Wealth. Through this inquiry into past societies, students will reflect upon their own world views, assess the influences of the past on the present and further develop their historical consciousness.

## **B. FRENCH IMMERSION PROGRAM**

### Français A90 and Français B90

Students will learn about the French language through oral and written comprehension and oral and written production activities. They will learn how to use the French language as a tool to: observe, explore, resolve problems, reflect and integrate their knowledge of new information into their language and environment. They will be listening, speaking, reading, writing, viewing, representing and studying various texts including: novels, classical and modern theatre, short stories, poems, narratives and descriptive texts.

### Education chrétienne 90

This course generally covers the same topics and material as the Christian Ethics 90 course. The language of instruction is French.

### Mathématiques 90

Mathématique 90 (required course for French Immersion): This course covers the same topics as Mathematics 90.

### Sciences humaines 90

This course generally covers the same topics and material as the Social Studies 90 course. The language of instruction is French.

## **C. ELECTIVE COURSES**

### Band 90

This course is primarily for students who have been in band in elementary school. Occasionally, beginning band students are also able to take the class if they demonstrate musical ability and are willing to make the effort to catch up to the other students. Band 90 focuses on practice habits, tone development, tuning, fingering, range, rhythm reading and repertoire development. Band students are expected to play in all concerts and in-town festival performances. Students are encouraged, but not required to participate in a band trip.

### Beginner Band 90

This class is for grade nine students who have not been in band in elementary school and want to play in high school band. The class will meet every second day for one hour for the entire school year. The focus of the class will be on fingering, note reading, rhythm reading, and developing a good sound. Students who make good progress will be able to join the Band 90 class on the overnight band trip in March.

### Choral 90

This course deals with the elements of choral singing through the learning and performance of choral literature. The course focuses on oral skills, musical literacy, interpretation, appreciation and vocal technique. Students will develop an appreciation for the art of music and a lifelong desire to be involved in choral singing. Performance opportunities include festivals, public concerts, the Bishop James Mahoney Memorial Tea, Knights of Columbus Christmas Carol Festival and Evening of Song.

### Enhanced French 90

The Enhanced French program is designed for students who have previously participated in the Intensive Enhanced French program in elementary school. The goal of the program is to further develop literacy skills in oral communication, reading and writing using a project approach.

### General Fine Arts 90

General Fine Arts 90 is an exploratory course including approximately 33 hours of instruction in each of the elements of music, art/graphic arts and drama. In each separate area the emphasis will be on developing basic skills and concepts, as well as creating interest in the various art forms. This course is intended to serve as an introduction for student choices later in high school.

### French 90 (Core)

This is an introductory Core French Program which provides a balance of speaking, understanding, writing and reading French. This is achieved through a wide variety of exercises and activities. The students are provided with the opportunity to communicate in French in realistic and personalized situations or in activities familiar to them.

### Home Economics 90

Home Economics 90 is a co-educational course that includes both a foods and a textile arts component. Within the foods component, students study meal planning and prepare appetizing meals within the areas of breakfasts, lunches and suppers. Additional areas covered include appetizers, desserts, fruits, vegetables, milk and cheese. The textile arts component focuses on unisex garment construction and various textile crafts. Through "hands-on" experience, students develop basic sewing skills and an appreciation for textile design.

### Industrial Arts 90

Industrial Arts 90 is a two part course involving woodworking and drafting. Students will be taught the theory and practical aspects of shop safety and woodworking. They will also be taught some of the basic skills in computer assisted drafting (CAD). A large portion of the class will be dedicated to student projects. Students will be charged a fee to recover some of the project costs.

## **GRADES 10, 11 AND 12 PROGRAM OVERVIEW**

### **1. Course Offerings**

All the courses listed will be taught during 2010 - 2011 dependent upon student demand and availability of staff.

### **2. Admission to Restricted-Entry Courses**

Certain courses are offered for students with specific needs as alternatives to regular courses. Some of these courses deal with material at a less rigorous level (modified courses), while others involve study at an advanced level (Honours or Advanced Placement courses). Admission to these courses is based on the recommendations of teachers who taught the student at an earlier level and in consultation with parents and students.

### **3. Grade 10 Standing**

To achieve Grade 10 standing, a student must earn a minimum of eight level 10 credits including the required courses.

### **4. Grade 11 Standing**

To achieve Grade 11 standing, a total of sixteen credits are required, five of which must be Level 20 credits or their equivalents.

### **5. Grade 12 Standing**

In order to graduate with a Grade 12 diploma, a total of twenty-four credits are required. Of these 24 credits:

- a) five credits must be Level 30 credits,
- b) at least two Arts Education/Practical and Applied Arts credits are required at the 10, 20 or 30 level. Christian Ethics courses may be used at the 10, 20 or 30 level to fill this requirement,
- c) at least seven elective courses are required at the 20 or 30 level. At Bishop James Mahoney High School, Christian Ethics 30 is a required course and will fulfill provincial requirements as a level 30 elective.

### **6. Adult 12 Standing**

Under the Adult 12 Program, an adult may attain a Grade 12 standing by completion of 7 credits. A minimum of 5 credits must be at the 30 level.

- a) Compulsory courses are: English Language Arts A30 and English Language Arts B30, one of: History 30, Canadian Studies 30, Native Studies 30, or Social Studies 30, one mathematics at the 20 or 30 level, one science at the 20 or 30 level.
- b) Two electives at the 30 level (one may be a Prior Learning Credit).

#### Note:

An adult as defined in Part VI, 21a of the Regulations under *The Education Act, 1995* means a person who is at least 18 years of age and who has been out of school for at least one year. Under Department policy a person who is 19 is also considered an adult.

### **7. French Immersion Diploma**

In order to graduate with a Grade 12 French Bilingual Diploma, a total of twenty-four credits are required, at least five of which must be Level 30 credits and 12 credits must be taken in French.

### **8. Graduation Ceremonies**

To be eligible to participate in Graduation activities, a student must have at least nineteen credits before entering the final semester, must register in a sufficient number of courses to give the possibility of earning a total of at least twenty four credits, attend the Grade 12 Retreat, be a member in good

standings of their Advisory Group and have paid all school fees and returned all school materials. Students must be passing all courses required for graduation at the mid-term report card of the 2<sup>nd</sup> semester.

## CREDIT REQUIREMENTS FOR GRADES 10, 11 AND 12 ENGLISH PROGRAM

GRADE 10 (LEVEL 10)	GRADE 11 (LEVEL 20)	GRADE 12 (LEVEL 30)
<b>REQUIRED COURSES (7)</b>	<b>REQUIRED COURSES (5)</b>	<b>REQUIRED COURSES (4)</b>
Christian Ethics 10	Christian Ethics 20	Christian Ethics 30
Eng. Lang. Arts A10/11	Eng. Lang. Arts 20	Eng. Lang. Arts A30
Eng. Lang. Arts. B 10/11		Eng. Lang. Arts B30
History 10/11 or Native Studies 10	History 20 or Natives Studies 20	History 30 or Native Studies 30
Foundations of Math 10 and or Work and Apprenticeship 10 or Modified Math 11	Foundation of Math 20 or Precalculus 20 or Work & Apprenticeship 20 or Modified Math 11	
Science 10	Level 20 Science	
Wellness 10		
<b>PLUS ELECTIVES MINIMUM (1)</b>	<b>PLUS ELECTIVES MINIMUM (3)</b>	<b>PLUS ELECTIVES (AT LEAST ONE AT LEVEL 30) MINIMUM (4)</b>
<b>6 ELECTIVES MUST BE AT THE 20 OR 30 LEVEL FOR GRADE 12 STANDING</b>		
LEVEL 10 ELECTIVES	LEVEL 20 ELECTIVES	LEVEL 30 ELECTIVES
Art 10 Art 10 Advanced Band 10 Choral 10 Clothing, Textile and Fashion 10 Commercial Cooking 10 Drama 10 Drafting 10 Enhanced French 10 French 10 (Core) Graphic Arts 10 Music 10 Native Studies 10 PASA A10	Art 20 Art 20 Advanced Band 20 Biology 20 Career & Work Exp. 10 & 20 Chemistry 20 Choral 20 Communications Prod. Tech. 20 Computer Science 20 Drama 20 Drafting 20 Enhanced French 20 French 20 (Core) Graphic Arts 20 Music 20 Native Studies 20 PASA A20 Physical Education 20 Physics 20 Science 21	Art 30 Band 30 Biology 30 Calculus 30 Career & Work Exp. 30 (2 Cr.) Chemistry 30 Choral 30 Cloth. Textiles & Fashion 30 Communications Prod. Tech. 30 Computer Science 30 Carpentry 30 Drama 30 Enhanced French 30 Food Studies 30 French 30 (Core) Graphic Arts 30 Interior Design 30 Law 30 Mathematics A30 Mathematics A30Y Mathematics B30 Mathematics C30 Music 30 Native Studies 30 Physical Education 30 Physics 30 Psychology 30 Studio Art 30 A
<b>GRADE 10 STANDING MINIMUM 8 CREDITS</b>	<b>GRADE 11 STANDING MINIMUM 16 CREDITS</b>	<b>GRADE 12 STANDING MINIMUM 24 CREDITS</b>

**CREDIT REQUIREMENTS FOR GRADES 10, 11 AND 12  
FRENCH IMMERSION PROGRAM**

<b>GRADE 10 (LEVEL 10)</b>	<b>GRADE 11 (LEVEL 20)</b>	<b>GRADE 12 (LEVEL 30)</b>
<b>REQUIRED COURSES (7)</b>	<b>REQUIRED COURSES (7)</b>	<b>REQUIRED COURSES (4)</b>
Ed. Chretienne 10	Ed. Chretienne 20	Ed. Chretienne 30
Francaise Imm. 10	Francaise Imm. 20	Francaise Imm. 30
Histoire 10	Franc. Imm. Integre A20	Sciences Soc. Imm. 30
Milieu de travail et formation d'apprentis or Fondements des mathématiques et Précalcul 10	Foundation of Math 20 or Precalculus 20 or Work & Apprenticeship 20 or Modified Math 11	One of Eng. Lang. Arts A30 Eng. Lang. Arts B 30
Eng. Lang. Arts 10	Eng. Lang. Arts A20	
Science 10	Histoire 20	
Wellness 10	Level 20 Science	
<b>(TOTAL 4 FRENCH)</b>	<b>(TOTAL 5 FRENCH)</b>	<b>(TOTAL 3 FRENCH)</b>
<b>PLUS ELECTIVES (MINIMUM 1)</b>	<b>PLUS ELECTIVES MINIMUM (1)</b>	<b>PLUS ELECTIVES MINIMUM (3)</b>
<b>3 ELECTIVES MUST BE AT THE 20 OR 30 LEVEL FOR GRADE 12 STANDING</b>		
<b>LEVEL 10 ELECTIVES</b>	<b>LEVEL 20 ELECTIVES</b>	<b>LEVEL 30 ELECTIVES</b>
Art 10 Art 10 Advanced Band 10 Choral 10 Clothing, Textile and Fashion 10 Commercial Cooking 10 Drama 10 Drafting 10 Enhanced French 10 French 10 (Core) Graphic Arts 10 Music 10 Native Studies 10 PASA A10	Art 20 Art 20 Advanced Band 20 Biology 2 Career & Work Exp. 10 & 20 Chemistry 2 Choral 20 Communications Prod. Tech. 20 Computer Science 20 Drama 20 Drafting 20 Enhanced French 20 French 20 Core Graphic Arts 20 Music 20 Native Studies 20 PASA A20 Physical Education 20 Physics 20 Science 21 Psychology 30	Art 30 Band 30 Biology 30 Calculus 30 Career & Work Exp. 30 (2 Cr.) Chemistry 30 Choral 30 Cloth. Textiles & Fashion 30 Communications Prod. Tech. 30 Computer Science 30 Carpentry 30 Drama 30 Food Studies 30 French 30 (Core) Graphic Arts 30 Interior Design 30 Law 30 Mathematics A30 Mathematics A30Y Mathematics B30 Mathematics C30 Music 30 Native Studies 30 Physical Education 30 Physics 30 Psychology 30 Studio Art 30
<b>GRADE 10 STANDING MINIMUM 8 CREDITS</b>		<b>GRADE 12 STANDING MINIMUM 24 CREDITS</b>

## GRADES 10, 11 AND 12 COURSE DESCRIPTIONS

### A. **CHRISTIAN ETHICS**

Christian Ethics 10 Prerequisite: Christian Ethics 90  
The core theme of this course is Jesus of the Gospels. The objective is to invite young people to explore the life and message of Jesus Christ. The use of the Bible is combined with other sources to provide a rich blend of Scripture, tradition, history and contemporary media.

Christian Ethics 20 Prerequisite: Christian Ethics 10  
The Christian Ethics 20 course is entitled “A Community Called Church.” Its focus is on understanding our role as Christ’s body, the Church. This course includes a major unit on the history of the church, prayer, various moral issues and moral decision making.

Christian Ethics 30 Prerequisite: Christian Ethics 20  
The Christian Ethics 30 course is entitled “Christian Lifestyles”. Units of study focus on how we can live as a Christian in a secular world including understanding belief, faith development, and Christian identity, as well as an exploration of relationships, love, sexuality, marriage and family life, and vocations from a Christian perspective. A unit on world religions is also included.

### B. **ARTS EDUCATION**

Art 10 Prerequisite: Grade 9 Standing  
Art 10 consists of studies in studio art, history, art criticism and appreciation. The studio art making component consists of basic drawing, design, painting, sculpture and print making. The art historical component includes an overview of art through the ages. Students will explore past, present and cross cultural artistic traditions. They will develop personal expression and creative thinking. Students will also develop the skills of critiquing many forms of art work.

Art 20 Prerequisite: Art 10 or Graphic Art 10, or Special Request  
This course expands on knowledge and skills acquired in Art 10. The studio component consists of development in drawing design, painting, sculpture and printmaking. The art historical component focuses on Saskatchewan artists and historical art periods. Students will continue to develop critical abilities, personal expression and creative thinking.

Art 30 Prerequisite: Art 20 or Graphic Art 20 or Special Request  
This course expands on knowledge and skills acquired in Art 20. The studio component consists of greater detailed development in drawing, design, painting, sculpture and printmaking. Art historical and art critical knowledge will be developed, while looking at contemporary art in Canada and across the world. Independent study and personal artistic exploration will be developed through art portfolios.

## ***PRE-ADVANCED PLACEMENT VISUAL ART COURSE***

### Art 10AP

Prerequisite: Grade 9 Standing

This course is an enriched version of Art 10. 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. Advanced Placement is an enriched Art program. All curricular objectives of the Visual Arts 10 program are included but are treated in greater depth. Additional material is included which provides an introduction to the Advanced Placement Art program.

### Art 20AP

Prerequisite: Art 10 or Graphic Art 10 or Special Request

This course is an enriched version of Art 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.

### Visual Art 30 AP

The Advanced Placement Studio Art course is an extension of the regular high school visual arts program. This course is for students who are highly motivated and talented. In Grade 10 and 11, students will be developing a number of quality works within a wide range of media. Grade Twelve students will be working on improving the quality of their media studies as well as developing an area of concentration. Students in their Grade 12 year are asked to submit a portfolio that will be graded internationally. Successful candidates may receive a 3-credit elective at the University of Saskatchewan or most other universities.

### Studio Art 30L (Semester 2)

Prerequisite: Art 30 AP

This course is a continuation of Visual Art30AP. It allows students working on their AP Studio Art Portfolio Concentration to focus on creating a major piece of art per week for the first 12 weeks of the course. Included in the production of a theme or conceptual idea students will explore a personal interest as intensively as possible. Students are free to work in any medium that addresses two dimensional and/or three dimensional issues. The body of work should grow out of the student's ideas and demonstrate growth and discovery through a number of conceptually related works. Students will also study art history and art criticism through curatorial study. They will research the role of a curator, analyze and discuss various art shows as well as compare and contrast commercial galleries, public galleries and museums. Developing documentation and the production of a student exhibition is part of this course. Apprenticeship/mentorship and the business of art will also be studied.

### Band 10

Prerequisite: Band 90

This class attempts to solidify techniques learned in Band 90. The class focuses on tone development, intonation, dynamics, blend, rhythm reading and repertoire development. Band students are expected to play in all concerts and in-town festival performances. Students are encouraged, but not required to participate in a band trip.

### Band 20

Prerequisite: Band 10

The focus of this class is technique, tone development, sight-reading and repertoire development. All band students are expected to play in all concerts and in-town festival performances. Students are encouraged, but not required to participate in a band trip.

### Band 30

Prerequisite: Band 20

The focus of this class is technique, tone development, sight-reading and repertoire development. Band students are expected to play in all concerts and in-town festival performances. Students are encouraged but not required to participate in a band trip.

### Choral 10/20/30

Prerequisite: Choral 90/10/20

This course deals with the elements of choral singing through the learning and performance of choral literature. The course focuses on oral skills, musical literacy, interpretation, appreciation and vocal technique. Students will develop an appreciation for the art of music and a lifelong desire to be involved in choral singing. Performance opportunities include festivals, public concerts, the Bishop James Mahoney Memorial Tea, Knights of Columbus Christmas Carol Festival and Evening of Song.

### Drama 10

Prerequisite: Grade 9 Standing

Students in this course are introduced to character study and the elements of putting a play together. Through monologues, scene work, one act plays and improvisation, students are launched into the world of theatre.

### Drama 20

Prerequisite: Drama 10

This course builds on the principles of Drama 10. Scenes by contemporary authors as well as Shakespearean monologues are studied. Through the development of advanced improvisation skills, students will cross the threshold into script writing and producing their own production.

### Drama 30

Prerequisite: Drama 20

Students are introduced to the art and mechanics of direction. Students will also delve into advanced improvisation and character study providing challenging opportunities. A retrospective of Theatre History is explored as well as a historical performance.

### Music 10

Prerequisite: Grade 9 Standing

This course will focus on the study of the guitar. Students will be assigned an acoustic guitar. Students will learn to read standard music notation on all six

strings and to read and play chords. Students will also learn to read and play tablature pieces. Topics covered will include tuning, blues, improvising, rhythm reading and elementary theory.

### Music 20

Prerequisite: Music 10

This course will focus on the study of the guitar. Students will be assigned an acoustic guitar. Students will begin to read accidentals, key signatures and to play eighth notes. Topics covered will include tuning, blues, improvising, rhythm reading, theory, picking, finger-picking and harmonics.

### Music 30

Prerequisite: Music 20

This course will focus on the study of the guitar. Students will be assigned an acoustic guitar. Students will continue to develop reading and improvisation skills. New topics will include classical and jazz styles, amplification systems and sixteenth notes.

## **C. ENGLISH LANGUAGE ARTS**

Students refine their language by using it in purposeful and meaningful situations involving a variety of oral and written contexts. Experience in all *language arts strands* - **speaking, listening, writing, reading, representing and viewing** - is essential for competence in using the English language. Students in the senior grades learn that language varies according to audience, purpose and situation; that language has a variety of logical and structural patterns and that language develops and changes over time. Students reflect upon, and respond to, a wide range of literary genres and on new knowledge of the interdependence of language acquisition, cognitive development and teaching strategies.

### English Language Arts A10 and B10

Prerequisites: ELA A90 and B90

Writing and speaking focus on developing narration, description, exposition and persuasion. Students work on producing multi-paragraph compositions. Reading and listening focus on responding personally, critically and creatively to literature. Students learn to analyze, evaluate and understand the world around them.

### English Language Arts 20

Prerequisites: ELA A10 and B10

This course is organized around themes that are of interest to adolescents and that focus on self and what it means to be human in our steps from childhood to old age.

### English Language Arts A30

Prerequisite: ELA 20

This course is organized around the study of, and response to Canadian literature, especially Western Canadian literature. Elements of the six strands outlined above are further emphasized as required.

### English Language Arts B30

Prerequisite: ELA 20

This course is organized around the study of, and response to, world literature. Elements of the six strands outlined above are further emphasized as required.

## **Modified English Courses**

English Language Arts A11, B11, A21, A31, B31

Prerequisite: Administrative Permission

Modified credits are offered in these courses to meet the needs of students who have encountered difficulty with the regular course. These courses are modified in content, processes and evaluation procedures to facilitate student success.

## **Pre-Advanced Placement English Courses**

English Language Arts A10A, B10A, 20A,

Prerequisite: Administrative Permission

These courses are enriched versions of English Language Arts A10/B10, English Language Arts 20 and English Language Arts A30/B30. These are more challenging programs of studies offering a wide variety of educational opportunities to motivated students. Students will hone and polish written, analytical and reading skills. Students pursuing Advanced Placement will be required to broaden their literature base with assigned out of class and summer reading.

## **Advanced Placement A30AP, B30AP**

Upon the recommendation of the English Department, Gr. 12 students in the Pre-Advanced Placement Program have the option of pursuing Advanced Placement. The Advanced Placement (AP) Program is a challenging academic program which allows motivated high school students to undertake university-level academic work and possibly earn a university credit. Students are required to do considerable reading and assignments to demonstrate analytical skills and writing abilities expected of first year university students.

## ***D. FRENCH IMMERSION***

Education chrétienne 10

Prerequisite: Education chrétienne 90

This course covers the same topics and material as the Christian Ethics 10 course. The language of instruction is French.

Education chrétienne 20

Prerequisite: Education chrétienne 10

This course covers the same topics and material as the Christian Ethics 20 course. The language of instruction is French.

Education chrétienne 30

Prerequisite: Education chrétienne 20

This course covers the same topics and material as the Christian Ethics 30 course. The language of instruction is French.

Français Immersion 10

Prerequisite: Enrollment in the French Immersion Program

Français Immersion 10 is a course which 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 their listening, reading, writing and oral skills through a study of French literature, grammar, media study and culture. The language of instruction is French.

### Français Immersion 20

Prerequisite: Français Immersion 10

Français Immersion 20 is a course which 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 their listening, reading, writing and oral skills through a study of French literature, grammar, media study and culture. The language of instruction is French.

### Français Immersion Intégré A20

Prerequisite: Français Immersion 10

This course uses French as the language of instruction and communication to explore themes and elements of the contemporary world, such as cinéma, sociology or psychology.

### Français Immersion 30

Prerequisite: Français Immersion 20

Français Immersion 30 is a course which 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 their listening, reading, writing and oral skills through a study of French literature, grammar and culture. The language of instruction is French.

### French Immersion Mathematics Courses:

#### Milieu de travail et formation d'apprentis 10 (WA10F)

Prerequisite: Mathématiques 90

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

#### Fondements des mathématiques et Précalcul 10 (FM 10F)

Prerequisite: Mathématiques 90

This course is for students in the French Immersion Program. It covers the same topics as Foundations of Mathematics and Pre-Calculus 10.

After the Grade 10 level math course, French Immersion students will join the English mathematics courses at the 20 level

### Histoire 10

Prerequisite: Sciences humaines 90

This course generally covers the same topics and material as the History 10 course. The language of instruction is French.

### Histoire 20

Prerequisite: Histoire 10

This course generally covers the same topics and material as the History 20 course. The language of instruction is French.

### Sciences Sociales Immersion 30

Prerequisite: Histoire 20

This course covers the same topics and material as the History 30 course. The language of instruction is French.

## **E. FRENCH**

### French 10/20/30 (Core)

Prerequisite: French 90/10/20 (Core)

This is a Core French program which provides a balance of oral and written production, and oral and written comprehension. This is achieved through a variety of themes that provide the students an opportunity to communicate in French in realistic and personalized situations.

### Enhanced French 10/20/30

Prerequisite: Enhanced French 90

The Enhanced French program is designed for students who have previously participated in the Intensive/Enhanced French program in elementary school. The goal of the program is to further develop literacy skills in oral communication, reading and writing using a project approach.

## **F. EAL/ESD**

### English as an Additional Language/Second Dialect A10L

Prerequisite: Administrative Permission

This is an elective credit course for EAL/ESD students focusing on language development. This course is designed for EAL/ESD students to assist them in gaining fluency in the English language as well as to allow them to function more effectively in their environment. This course encourages language development through the teaching of English idioms, grammar, pronunciation, intonation, writing, reading comprehension, dialogue and other related skills.

### English as an Additional Language/Second Dialect B10L

Prerequisite: Administrative Permission

This is an elective course for EAL/ESD students focusing on Canadian cultural orientation/curricular support. This course introduces and orients EAL/ESD students to Canadian culture through developing a basic understanding of Canadian geography, heritage, history, government, citizenship and culture.

## **G. MATHEMATICS**

Renewed Secondary Mathematics Program Pathways for students currently enrolled in Mathematics 90, Foundations of Mathematics and Pre-calculus 10 and Workplace and Apprenticeship 10:

### **Foundations of Mathematics (FM)**

This pathway is designed to provide students with the mathematical understandings and critical-thinking skills identified for post-secondary studies

in programs that do not require the study of theoretical calculus. Topics include financial mathematics, geometry, measurement, number sense, logical reasoning, relations and functions, statistics and probability.

**Workplace & Apprenticeship Mathematics (WA)**

This pathway is designed to provide students with the mathematical understandings and critical-thinking skills identified for entry into the majority of trades and for direct entry into the work force. Topics include algebra, geometry, measurement, number sense, statistics and probability.

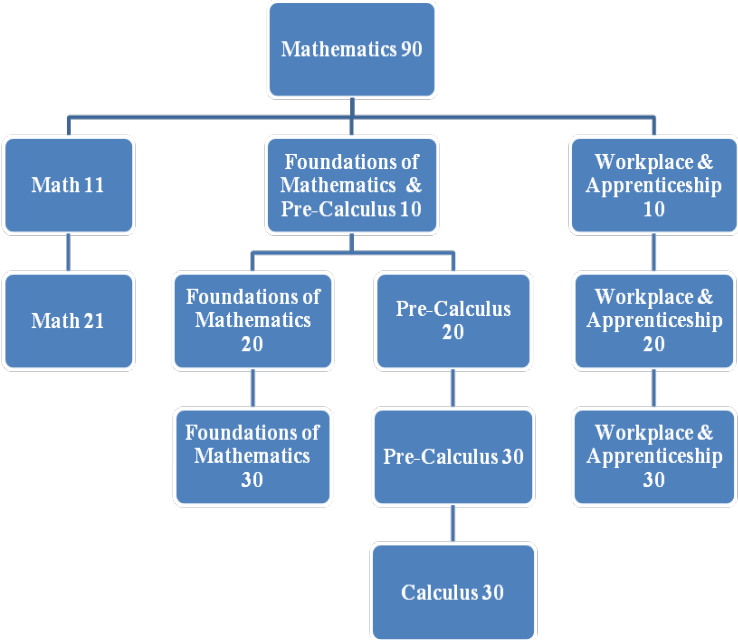
**Pre-Calculus (PC)**

This pathway 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 and number sense, measurement, relations and functions, trigonometry, and permutations, combinations and binomial theorem.

**Mathematics 11 & 21**

This pathway is designed for students who require a modified mathematics program.

**MATHEMATICS PATHWAYS**



Each course at the 20 and 30 level has the pre-requisite of all previous courses in that pathway.

Graduation requirement for mathematics will be any 20 level course. Students can take more than one pathway.

2011 – 2012 course offerings for students currently enrolled in Mathematics 90, Foundations and Pre-Calculus 10 and Workplace and Apprenticeship 10:

**In Grade 10, students are strongly encouraged to take both math courses: Workplace and Apprenticeship Mathematics 10 (WA 10) & Foundations of Mathematics and Pre-Calculus 10 (FM 10).**

**Workplace and Apprenticeship Mathematics 10 (WA 10)**

Prerequisite: Mathematics 90

This course is designed to provide students with the mathematical understandings and critical-thinking skills identified for entry into the majority of trades and for direct entry into the work force. Topics include: measurement, geometry, consumer math, and algebra.

**Foundations of Mathematics and Pre-Calculus 10**

Prerequisite: Mathematics 90

This course is designed to provide students with the mathematical understandings and critical-thinking skills identified for entry into post-secondary programs. Topics include: measurement, trigonometry, exponents, polynomials, factoring, irrational numbers, and relations and functions.

**If scheduling permits and if there is sufficient need we may offer an FM10/20Y specialty math class for those students who wish to follow the Foundations pathway.**

**Foundations of Mathematics and Pre-Calculus 10/Foundations of Mathematics 20(FM 10/20Y)**

Prerequisite: Mathematics 90 and Administrative Permission

This course covers the same topics as the Foundations of Mathematics and Pre-Calculus 10 (FM10) and Foundations of Mathematics 20 (FM20), but will run for 3 consecutive semesters. This extended time allows for a less rigorous pace and more time to complete assignments in class. Students who experienced marginal success in Math 90 and want to follow this pathway are encouraged to take this course.

**Foundations of Mathematics and Pre-Calculus 10 (Yearlong) (FM 10Y)**

Prerequisite: Mathematics 90 and Administrative Permission

This course covers the same topics as the Foundations of Mathematics and Pre-Calculus 10 (FM10), but will run for 2 consecutive semesters. This extended time allows for a less rigorous pace and more time to complete assignments in class. Students who experienced marginal success in Math 90

and want to follow this pathway are encouraged to take this course.

### **Foundations of Mathematics 20 (Yearlong) (FM 20Y)**

Prerequisite: Foundations of Mathematics and Pre-Calculus 10 and Administrative Permission

This course covers the same topics as the Foundations of Mathematics 20 (FM20), but will run for 2 consecutive semesters. This extended time allows for a less rigorous pace and more time to complete assignments in class. Students who experienced marginal success in FM 10 and want to follow this pathway are encouraged to take this course.

### **French Immersion Mathematics Courses:**

Both of the Grade 10 Mathematics Courses: Workplace and Apprenticeship Mathematics 10 and Foundations of Mathematics and Pre-Calculus 10 will be offered as part of the French Immersion Program. Students are recommended to take both courses in French to obtain the number of credits required for a Bilingual Diploma. After the Grade 10 level math courses, French Immersion students will join the English Mathematics courses at the 20 level.

### **Milieu de travail et formation d'apprentis 10 (WA10F)**

Prerequisite: Mathématiques 90

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

### **Fondements des mathématiques et Précalcul 10 (FM 10F)**

Prerequisite: Mathématiques 90

This course is for students in the French Immersion Program. It covers the same topics as Foundations of Mathematics and Pre-Calculus 10.

### **Mathematics 11**

Prerequisite: Mathematics 90 (or Math 91)

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. Topics include algebra skills, consumer math, the right triangle, linear equations and linear functions. This course is a prerequisite for Mathematics 21.

### **Mathematics 21**

Prerequisite: Mathematics 11

Mathematics 21 is a modified 20 level mathematics course. Topics include: consumer math, algebra skills, probability, angles and polygons, irrational numbers and circles. Mathematics 21 satisfies the Ministry of Education graduation requirements, but does not serve as a prerequisite for 30 level mathematics courses.

## Workplace and Apprenticeship Mathematics 20 (WA20)

Prerequisite: WA10

This course is designed to provide students with the mathematical understandings and critical-thinking skills identified for entry into the majority of trades and for direct entry into the work force. Topics include: financial mathematics, algebra, logical reasoning, and geometry and number sense. The outcomes in this course are prerequisite outcomes for Workplace and Apprenticeship 30

## Foundations of Mathematics 20 (FM20) Prerequisite: FM 10 (or Math 10)

This course is designed to provide students with the mathematical understandings and critical-thinking skills identified for entry into post-secondary programs that do not require the study of theoretical calculus. Topics include: logical reasoning, proportional reasoning, geometry, trigonometry, algebra, statistics and probability. The outcomes in this course are prerequisite outcomes for Foundations of Math 30

## Pre-Calculus 20 (PC20) Prerequisite: FM 10 (or Math 10)

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: absolute value, radicals, trigonometry, rational expressions and equations, factoring quadratic functions, quadratic equations, inequalities, sequences and series, reciprocal functions. The outcomes in this course are prerequisite outcomes for Pre-calculus 30.

Mathematics courses for students currently enrolled in Mathematics 20, A30, B30, or C30:

## Mathematics A30 Prerequisite: Mathematics 20

This course deals with systems of linear equations, functions, permutations and combinations, polynomial and rational expressions, exponents and radicals, angles and polygons, and data analysis. It is strongly recommended that a mark of at least 65% be attained in Math 20 before proceeding into this course. This course will no longer be available in 2012 – 2013.

## Mathematics A30Y

Prerequisite: Mathematics 20 & Administrative Permission

This course covers the same topics as in Math A30, but will run for two consecutive semesters. This allows the pace to be less rigorous and allows for more time to complete assignments in class with teacher help available. Students who have completed Math 10/20 over 3 semesters and students who experienced marginal success in Math 20 but still require a Math A30 credit are encouraged to take this course.

This course will no longer be available in 2012 – 2013.

**\*Mathematics B30**

Prerequisite: Mathematics A30

This course deals with probability, complex numbers and quadratics equations, matrices, polynomials and rational functions, exponential and logarithmic functions, sequences and series, and statistics. Mathematics B30 is designed for students who intend to pursue a post-secondary career that requires a solid theoretical basis in mathematics. It is strongly recommended that a mark of at least 65% be attained in Math A30 before proceeding into this course.

This course will no longer be available in 2012 – 2013.

**\*Mathematics C30**

Prerequisite: Mathematics B30

This course deals with mathematical proof, conic sections, circular functions, trigonometric identities and applications of trigonometry. Mathematics C30 is designed for students who intend to pursue a post-secondary career that requires a solid theoretical basis in mathematics. It is strongly recommended that a mark of at least 65% be attained in Math B30 before proceeding into this course.

This course will no longer be available in 2012 – 2013.

\*Mathematics B30 and C30 can be taken concurrently.

**Calculus 30**

Prerequisite: Mathematics C30

Calculus 30 involves a study of limits, the derivative function and its application to problem solving and graphing, and integration and its applications. Students should have a mark of at least 75% in both Math B30 and Math C30 before registering for this course.

## **H. PHYSICAL EDUCATION**

In accordance with the Greater Saskatoon Catholic Board of Education Safety Guidelines, students and parents/guardians are advised that during the course of their physical education classes students may be involved in any number of activities which may include: bowling, broom ball, cross country running, cross country skiing, cycling, downhill skiing, gymnastics, lacrosse, martial arts, orienteering, sailing, scuba diving, snorkelling, snow boarding and swimming.

Wellness 10

Prerequisite: Health/Physical Education 90

Wellness 10 is a combination of physical education and health education. This class emphasizes the need for balance between mind, body and spirit. Its aim is the development of a wellness philosophy and the pursuit of wellness as a life-long behaviour pattern. Students will investigate five different strands: physical activity and fitness, stress and its management, leisure, relationships and healthy eating.

Physical Education 20

Prerequisite: Wellness 10

An elective course, Physical Education 20 is a class designed to promote and encourage lifelong participation in physical activity and development of a lifetime commitment to overall well-being. Activities taken may include units such as archery, billiards, five pin bowling, badminton, cross country skiing,

curling, dance, golf, martial arts, racquetball, recreational swimming and diving, sailing, scuba, squash, tennis, wall-climbing, weight training and downhill skiing/snow boarding. A \$75.00 fee is charged for facility rental. Some out of class time will be required of students.

### Physical Education 30

Prerequisite: Wellness 10

An elective course, Physical Education 30 is a class designed to promote and encourage lifelong participation in physical activity and development of a lifetime commitment to overall well-being. Activities taken may include units such as archery, billiards, ten pin bowling, badminton, curling, dance, golf, martial arts, recreational swimming and diving, sailing, scuba, racquetball, squash, tennis, wall climbing, weight training and downhill skiing/snow boarding. A community service component is also included in this course. A \$75.00 fee is charged for facility rental. Some out of class time will be required of students.

## ***I. PRACTICAL AND APPLIED ARTS***

### Career and Work Exploration 10 & 20

Prerequisite: Grade 10 Standing and 16 years of age

Career and Work Exploration 10 & 20 offers students the opportunity to explore career interests and aptitudes. Through in-class sessions, students develop skills necessary for success in the work place. Areas of study include career exploration, self-assessment, résumé writing, interviewing skills and other related topics. Students spend approximately one-third of the semester in class while the remaining two-thirds of the time is spent at two different work sites. This two-credit course is scheduled during Periods 4 and 5 each day.

### Career and Work Exploration A30/B30

Prerequisite: Grade 10 Standing and 16 years of age

Career and Work Exploration A30/B30 offers students the opportunity to explore career interests and aptitudes. Through in-class sessions, students develop skills necessary for success in the work place. Areas of study include career exploration, self-assessment, résumé writing, interviewing skills and other related topics. Students spend approximately one-third of the semester in class while the remaining two-thirds of the time is spent at two different work sites. This two-credit course is scheduled during Periods 4 and 5 each day.

### Clothing, Textiles & Fashion 10

Clothing Textiles and Fashion 10 will focus on developing basic sewing skills and various sewing applications, i.e.: hand sewing, serger, and embroidery. Textile study, clothing care, and basic garment construction are all aspects of the course. The students will complete numerous projects. This course has a \$15 fee plus material costs, which vary depending on the projects chosen.

### Clothing, Textiles & Fashion 30

Prerequisite: Grade 10 Standing

Clothing, Textiles & Fashion 30 focuses on the role of clothing, textiles, and fashion in our daily lives. Major emphasis is placed on sewing and construction skills, as well as insuring a proper garment fit. Creativity and design fundamentals are incorporated through various projects such as clothing recycling and craft projects. Additional topics include the fashion industry, careers in fashion, and wardrobe planning. This course has a \$25 fee plus material costs, which vary depending on the projects chosen.

### Commercial Cooking 10

Prerequisite: Grade 9 Standing

Commercial Cooking 10 is a course that introduces students to the food service industry. Initially students learn to promote a safe and sanitary work environment through certification of the Food Safe Course. Students then develop basic food preparation skills within the areas of sauces and gravy, soups and stocks, sandwiches, salads, and appetizers. Additional areas studied may include cake decorating, cold food platters, gingerbread houses and garnishing. Students apply course skills through the study of career choices and a serving/catering component. This class has a fee of \$30.

### Carpentry 30

Prerequisite: Practical and Applied Arts Survey A20

This course is designed to allow students to work independently using previously learned techniques. Students are expected to design and complete a major project in at least one area of welding or woodworking.

### Communications Production Technology 20/30

Prerequisite: Grade 10 Standing

This course provides students an opportunity to experience many aspects of communication technology in today's world. Students become involved in legal and ethical issues associated with communication production, a range of career opportunities within the industry, and understand the roles and responsibilities of various personnel. The majority of the course focuses on many hands-on activities involving audio/video and multimedia production concepts, equipment and processes.

### Drafting 10

This course is an introductory drafting course that will allow the students to become familiar with the AutoCAD program. Once the students are familiar with the program they will learn how to create different types of architectural drawings such as geometric construction, multi view, pictorial, and sectional views. This course is a prerequisite for Drafting 20

### Drafting 20

Prerequisite: Drafting 10

This course begins with a review of Drafting 10, geometric, multi view, pictorial, and sectional views. Later in the course the students will start to cover residential construction drawings. They will make their own drawings for all

parts of a house starting at the ground. Assignments will consist of drawings for foundations, framing, roofing, exterior aesthetics, electrical, plumbing, interior aesthetics, and more. At the end of the course students will have created a package of drawings that in theory could be used to build a full scale house.

### Food Studies 30

Prerequisite: Grade 10 Standing

Food Studies 30 is a course designed to teach skills and knowledge about food and nutrition. Practical food preparation, meal planning, and healthy snacking and eating are all aspects of the course. Current food issues are studied, as well as the Canadian food mosaic and international cuisine. This class has a fee of \$25.

### Photo Graphics 10

Prerequisite: Grade 9 Standing

This course is designed to introduce students to the artistic and technical skills in the graphic arts field. Skills involved in design, layout, printing, computer graphics and photography will be introduced, but special emphasis will be placed on the quality of design as well as aesthetic presentation of each project.

### Graphic Arts 20

Prerequisite: Photo Graphics 10 or Art 10

Students will continue to develop artistic and technical skills involved in the graphic arts field. This course is designed to enable students to explore specific skills in design, layout, printing, photography, and computer graphics.

### Graphic Arts 30

Prerequisite: Graphic Arts 20 or Art 20

This program builds on skills and concepts introduced in Graphic Arts 20 with an emphasis on the design process. Topics covered are the history of graphic design, design and perspective drawing, design and layout, typography, photography and the camera process, printing techniques and advanced computer graphics.

### Interior Design 30

Prerequisite: Grade 10 Standing

Interior Design 30 develops an awareness of good design as it relates to interiors. The elements and principles of design, housing values, energy efficient homes, and wall and floor coverings, housing styles, furniture selection and floor plans are all studied. Practical projects may include creating a portfolio, presentation boards, designing home accessories and "Trading Spaces" inspired room makeovers.

### Practical and Applied Arts Survey A10

Students will continue to build their woodworking, and design skills. Additional emphasis is upon machine operation, safety and advanced processes. Each student will be required to complete assigned major projects in order to receive credit. The students will also be introduced to some welding theory and practice.

## Practical and Applied Arts Survey A20

Prerequisite: Practical and Applied Arts Survey A10

Skills acquired at previous grade levels are further developed. The course consists of advanced woodworking techniques used in cabinet making, as well as processes used in the steel industry.

## **J. SCIENCES**

### Computer Science 20

Prerequisite: Science 10

Students in this course will be introduced to programming in Visual Basic. Students will study and practice problem solving, program design and debugging within the Visual Basic environment. In addition, students will be introduced to HTML (web page design), parts of the computer, networking, Internet, computer history and computer applications.

### Computer Science 30

Prerequisite: Computer Science 20

This course extends the Visual Basic concepts learned in Computer Science 20. Web design will include both HTML and an intro into JavaScript. Additional programming such as application software for Macs, Dreamweaver or Access will be included. This project based course requires students with strong problem solving abilities that are able to work independently and creatively.

### Science 10

Prerequisite: Science 90

Science 10 follows the Pan-Canadian curriculum. It is designed to better prepare students for senior sciences in each of the three disciplines (Biology, Chemistry, Physics). The units of studies include: Ecology (Biology), Chemistry, Motion (Physics) and Weather (Earth Science). Each unit encourages interaction within discussion, laboratory settings and group work.

### Science 11

Prerequisite: Science 90 or Science 91 or Administrative Permission

The course provides a modified credit in science for students who have encountered difficulty with Science at the 90 level. Students who wish to pursue a credit in Science 11 will enroll in a Science 10 class. In this program the students will create projects and applications extending content, process and evaluation procedure is modified to facilitate student success.

### Science 21

Prerequisite: Science 10 or Science 11 and Administrative Permission

A modified credit is offered in science at the senior level for students who have encountered difficulty with science at the 90 and 10 levels. In this program the content, processes and evaluation procedures are modified to facilitate student success.

### Biology 20

Prerequisite: Science 10

Biology 20 focuses on the organism with an emphasis on the nature of science, principles of ecology and the adaptation of organisms. Content topics include cell structure and function; ecosystems and biomes; classification; and animal and plant taxonomy. If you wish to take Bio 20 in your grade 10 year, please do

not register on-line but rather see Mr. Revering to have your name placed on a wait list. We recommend that a student have a final average of 80% or higher in Science 90 to ensure success in Bio 20.

### Biology 30

Prerequisite: Biology 20

Biology 30 is both a continuation and a complement to the Biology 20 course. There are five major areas of focus in this course: The Chemical Basis of Life; Cell Structure and Function; Genetics; Animal Systems and Evolution.

### Chemistry 20

Prerequisite: Science 10

Chemistry 20 is a prerequisite for Chemistry 30. This course studies the structure and interaction of atoms extending concepts outlined in Science 90 and Science 10 courses. There are three main components in Chem 20: the development of atomic structure, the interaction of atoms and stoichiometry. The lab component is mainly quantitative. The course work requires good work habits and general mathematical skills.

### Chemistry 30

Prerequisite: Chemistry 20

Chemistry 30 expands on the concepts developed in Chemistry 20. There is a strong experimental component with emphasis on proper presentation and interpretation of data. The course outlines the major concepts of the five main branches of Chemistry identified in Unit 1 of Chemistry 20. The course work requires good work habits and general mathematical skills. Math A30 and Math B30 are recommended.

### Physemistry 20

Prerequisite: Science 10 and Math 20

Physemistry 20 will focus on the physical sciences (Chemistry 20 and Physics 20) in a themed context. The current theme of the course is alternative fuels and energy placed in the context of climate change. This course is two periods blocked back to back which provides the opportunity for more labs, extended lab activities, field trips, guest speakers, projects, activities in real world situations and block learning (focusing on Chemistry or Physics for a two - three week period rather than both simultaneously). Several integrated units will be covered including An Introduction to Chemistry/Physics, Atomic and Nuclear Physics and Fuel Sources and Currencies. While the course is not designed to be harder than taking these classes separately, students should not expect it to be necessarily easier. Rather the course takes a different approach to covering the same curriculum. Strong literacy skills, a strong mathematical background are highly recommended and a final average of 70% or higher in Math 10, 20, and Science 10.

### Physics 20

Prerequisite: Science 10 and Math 20

Physics 20 focuses on the behaviour and properties of waves, specifically, matter and energy transfer through water, sound and light waves. Some specific concepts covered will be: characteristics of waves; refraction and reflection of waves; optics; mirrors; lenses and the production of sound. The theory will be viewed in terms of natural and artificial events that occur around

us. These concepts will be studied through demonstration, theory and investigations. A good mathematical background is recommended.

### Physics 30

Prerequisite: Physics 20 and Math A30

Physics 30 deals with the concepts of kinematics, dynamics and electricity. The mathematical nature of the course uses linear, two dimensional, and circular motions. The experimental component is designed to enhance student understanding with emphasis on proper presentation and interpretation of data.

Students registering for the course should be aware that it involves concept application, identification and the mathematical description of energy and motion. Being a quantitative course a good mathematical background (MA B30) would be an asset.

## **K. SOCIAL SCIENCES**

### History 10

Prerequisite: Social Studies 90

This course involves a study of European history from the age of absolutism up to World War I. It emphasizes the social, cultural, political and economic changes that led to the emergence of modern Western society. Major topics include the French Revolution, the Industrial Revolution, Nationalism, Imperialism, the rise and fall of monarchies and nations and the Age of Revolution.

### History 11

Prerequisite: Social Studies 90 or Social Studies 91  
and Administrative Permission

A modified credit is offered in History 10 to meet the needs of students who have encountered difficulty with the regular course. This course is modified in content, processes and evaluation procedures to facilitate student success.

### History 20

Prerequisite: History 10 or Native Studies 10

This course emphasizes the events of the 20th century. Major topics include the First World War and its aftermath; the rise of totalitarian societies and nations; World War II; the Cold War; Détente; the Middle East and Global Interactions. Emphasis is also placed on current world issues and their relationship to the past.

### History 21

Prerequisite: History 10, History 11  
or Native Studies 10 and Administrative Permission

A modified credit is offered in History 20 to meet the needs of students who have encountered difficulty with the regular course. This course is modified in content, processes and evaluation procedures to facilitate student success.

### History 30

Prerequisite: History 20 or Native Studies 20

This course is a survey of developments in Canadian history from the period of early exploration to the present with particular emphasis on Canada since Confederation. Topics include the French heritage, the road to Confederation, the emerging Canadian nation, government in Canada, Canada in international

affairs, national unity, multiculturalism, First Nations peoples and current topical issues.

### History 31

Prerequisite: History 20  
or History 21 and Administrative Permission

A modified credit is offered in History 30 to meet the needs of students who have encountered difficulty with the regular course. This course is modified in content, processes and evaluation procedures to facilitate student success.

### Law 30

Prerequisite: Grade 10 Standing

This class introduces students to such varied aspects of Canadian law such as criminal, civil, consumer, property, labour and family law. Students will also gain an understanding of where our laws come from, as well as human rights and freedom issues. The focus of the course is on the impact of Canadian law on everyday life.

### Native Studies 10

Prerequisite: Social Studies 90

Native Studies 10 will concentrate upon positive images of First Nations, Métis and Inuit peoples. It will reinforce and complement the beliefs and values of First Nations, Métis and Inuit peoples and present materials in a continuum of traditional, historical and contemporary perspectives. This course will deal with the specific aspects of culture in the following order of presentation: Spiritual Life, Family Life, Political Life, Economic Life, Educational Life and Social Life.

### Native Studies 20

Prerequisite: History 10 or Native Studies 10

Native Studies 20 is an examination of contemporary issues of concern to Indigenous peoples around the world. Students will gain an understanding of the history behind current issues of concern to Indigenous peoples; become aware of and increase their understanding of Aboriginal philosophies which are the foundations of Aboriginal culture and develop a personal sense of social commitment that is “think globally, act locally.”

### Native Studies 30

Prerequisite: History 20 or Native Studies 20

Native Studies 30 will examine contemporary Canadian aboriginal issues. Although diversity exists between aboriginal people, relating to historical lifestyles and contemporary issues, commonalities exist between most groups. Areas studied will be aboriginal and treaty rights, governance and land claims, treaty land entitlement, economic and social development and their significance to Canada’s history.

### Psychology 30

The focus of this course is human development. Developmental psychology is the 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. As well, 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.

## ADMISSION REQUIREMENTS: POST-SECONDARY INSTITUTIONS

All students are advised to consult with Student Services if ever in doubt regarding admission requirements to post-secondary institutions. As of 2013, the new Mathematical requirements for University of Saskatchewan admission will be either Foundations 30 or Pre-Calculus 30. Calculus 30, however, is recommended for a few programs which would mean that Pre-calculus 30 would be the pre-requisite.

### A. UNIVERSITY OF SASKATCHEWAN

Web site: [explore.usask.ca](http://explore.usask.ca)

The University of Saskatchewan has two types of colleges:

- DIRECT ENTRY COLLEGES, which may be entered directly from high school.
- NON-DIRECT ENTRY COLLEGES, which may be entered only after 1 or more years at university

All DIRECT ENTRY colleges have the same three step admissions formula:

- Step 1: All applicants must have completed Secondary Level Standing.
- Step 2: Students must have the Prerequisite Subjects for their College of choice. See following table for required prerequisites.
- Step 3: Students must meet the Admission Average for their college calculated on the basis of the following 5 subjects:
  - ONE of English Language Arts A 30 or English Language Arts B30
  - ONE of Mathematics A30, B30, C30 or Calculus 30
  - A combination of THREE 30-level subjects from the following categories:

Natural Sciences	Social Sciences or Humanities		Fine and Performing Arts	
Maximum 2 subjects	Maximum 2 subjects		Maximum 1 subject	
Biology	Christian Ethics	Law	Art	Music
Calculus/Mathematics *	English*	Native Studies	Art Education	Orchestra
Chemistry	Economics	Psychology	Band	Physical Education*
Computer Science	Geography	Social Studies	Choir	Practical & Applied Arts **
Geology	History	Sociology	Choral	Visual Arts

Physics	Language **	World Religions	Drama	
*only one of these may be used in this category.	*only one of these may be used in this category **any approved other than English		*for Kinesiology applications only **for Education applications only	

- c. In **some** cases a student who is deficient in one subject, but whose average in the remaining subjects is sufficiently high, may be admitted, but the deficiency must be removed before the student enters the second year of studies.
- d. Early admission applications for most direct entry colleges are accepted from January 1 to May 1.
- e. Dentistry, Education, Law, Medicine, Nursing, Nutrition, Pharmacy and Veterinary Medicine are NON DIRECT entry colleges. Physical Therapy is a master's degree program and requires a Bachelor degree. See a counsellor or the web site for non-direct entry admission cut-off averages.
- c. Some high school courses are required to take specific university courses.

University Course	High School Prerequisites
Biology*	Biology 30
Chemistry	Chemistry 30, Mathematics B30 and C30
Computer Science	Mathematics B30 and C30
Language*	Second Language 30
Mathematics*	Mathematics B30 and C30
Physics	Physics 30, Mathematics B30 and C30
*Some courses in Biology, Languages and Math do not require 30-Level prerequisites.	

- g) Applicants who complete the French Immersion or Fransaskoise Programs will require two level 30 Language Arts courses, **one of which** must be English Language Arts A30 **or** B30 to meet the requirements of all direct entry colleges.

Prospective students **should view** the University of Saskatchewan calendar at [explore.usask.ca](http://explore.usask.ca)

- h) Entrance scholarships use the Admission Formula to calculate award averages.

## B. ADMISSION COURSE REQUIREMENTS FOR COLLEGES

### DIRECT ENTRY COLLEGES

COLLEGE <b>*Admission Averages for 2011/12</b>	– – REQUIRED GRADE 12 COURSES – (IN ADDITION TO ADMISSION FORMULA)
AGRICULTURE & BIO RESOURCES <b>72%</b>	– – Math B30 and C30 – Biology 30, Chemistry 30 – (Physics 30 is recommended) – Math B30 and C30 – Biology 30, Chemistry 30 or Physics 30
SCHOOL OF AGRIBUSINESS Diploma  <b>*72%</b>	– – Math B30 – Math C30 – Biology 30 or Chemistry 30 or Physics 30
SCHOOL OF AGRIONOMY Diploma <b>*72%</b>	– – Math B30 or C30 – Biology 30 – Chemistry 30
4. ARTS AND SCIENCE <b>*72%</b>	– Prerequisite courses specific to the program such as Biology 30 for Biology 120.3 – Cal 30 recommended for Natural Sciences
Bachelor of Music--students who wish to major in music performance or music must have an interview, audition and pass a placement examination. Keyboarding skills are one requirement.	
<p>ST. THOMAS MORE COLLEGE</p> <p>St. Thomas More College is a Catholic Arts and Science College federated with the University of Saskatchewan. Any student registered in any Arts and Science program may register in STM. All courses taught by STM professors are fully accredited university courses. Catholic students enrolling in Arts and Science are encouraged to register with St. Thomas More College. Admission requirements are the same as those for Arts and Science.</p>	
5. EDWARDS SCHOOL OF BUSINESS <b>*80%</b>	– Math B30 and C30 – Calculus is recommended
6. EDUCATION ITEP, NORTEP, SUNTEP, depending on application pool 5-Year combined Bachelor of Education/Bachelor of Music <b>*72</b>	– Biology 30 or Chemistry 30 or Physics 30 or Geography 30 – History 30, Native Studies or Social Studies 30 – 30-level language (other than English or Fine Art)
7. ENGINEERING <b>*80%</b>	– Math B30 and C30 (min. ave. 70%) – Physics 30 (min. ave. 70%) – Calculus 30 (min. ave. 70%) – Chemistry 30 (min. ave. 70%)

COLLEGE <b>*Admission Averages for 2011/12</b>	<ul style="list-style-type: none"> <li>-</li> <li>- REQUIRED GRADE 12 COURSES</li> <li>- (IN ADDITION TO ADMISSION FORMULA)</li> </ul>
8. KINESIOLOGY (PHYSICAL EDUCATION) <b>The top 100-120 applicants will be conditionally accepted pending Grade 12 marks.</b>	<ul style="list-style-type: none"> <li>- Math B30</li> <li>- Biology 30</li> <li>- Chemistry 30 or Physics 30</li> <li>- (Math C30 is recommended for Chemistry courses and Calculus 30 is recommended for Math 110.3)</li> </ul>

### NON DIRECT ENTRY COLLEGES

COLLEGE	REQUIRED GRADE 12 COURSES FOR <u>PRE-STUDIES</u>
1. DENTISTRY	<ul style="list-style-type: none"> <li>- Math B30 and C30</li> <li>- Biology 30, Chemistry 30, Physics 30</li> <li>- Successful completion of two full time Pre-Dental years in Arts and Science or STM; interview and Dental Aptitude Test; letters of reference</li> </ul>
2. EDUCATION	<ul style="list-style-type: none"> <li>- Enrollment in Arts and Science or Kinesiology</li> <li>- Completion of a two year academic component or a degree</li> <li>- Interview</li> <li>- (applicants for the Secondary Teaching Program should be aware that there are prerequisites for fields of specialization)</li> </ul>
3. LAW	<ul style="list-style-type: none"> <li>- Same requirements as for Arts and Science</li> <li>- Completion of two years of university level work</li> <li>- 12 credit units in the Social Sciences or Humanities</li> <li>- Law School Admission Test</li> </ul>
4. MEDICINE	<ul style="list-style-type: none"> <li>- Math B30 and C30</li> <li>- Biology 30, Chemistry 30, Physics 30</li> <li>- Completion of at least two years Pre-Medicine in Arts and Science or MCAT Admission Test</li> <li>- Interview, letters of reference</li> </ul>
5. Nursing	<ul style="list-style-type: none"> <li>- Biology 30 and Chemistry 30</li> <li>- - Math B30 (C30 recommended)</li> </ul>
6. NUTRITION	<ul style="list-style-type: none"> <li>- Math B30 and C30</li> <li>- Biology 30, Chemistry 30</li> <li>- One approved 30 – level course</li> <li>- completion of one year pre-nutrition studies in Arts and Science</li> <li>- Critical skills essay; personal profile</li> <li>- Math B30 and C30</li> <li>- Biology 30, Chemistry 30, Physics 30</li> </ul>
6. PHARMACY	<ul style="list-style-type: none"> <li>- Math B30 and C30</li> <li>- Biology 30, Chemistry 30</li> <li>- (Physics 30 recommended)</li> <li>- Successful completion of one year of study in Arts and Science</li> <li>- Critical skills essay; personal profile</li> </ul>
7. PHYSICAL THERAPY <b>*(MASTER'S DEGREE PROGRAM)</b>	<ul style="list-style-type: none"> <li>- Bachelor Degree with</li> <li>- Interview</li> </ul>

COLLEGE	REQUIRED GRADE 12 COURSES FOR <u>PRE-STUDIES</u>
8. VETERINARY MEDICINE	<ul style="list-style-type: none"> <li>- Interview</li> <li>- Math B30 and C30</li> <li>- Biology 30, Chemistry 30, Physics 30</li> <li>- Completion of two years of Pre-Veterinary Medicine in Arts and Science or the College of Agriculture</li> <li>- Interview and related experience</li> </ul>

**B. PROGRAMS AT OTHER UNIVERSITIES**

Student Services is available to advise students on entrance requirements for programs at other universities. In some instances, students may take preliminary courses at the University of Saskatchewan and transfer these courses to other universities. See a counsellor in Student Services.

\* Some courses of interest are: Architecture, Film and Video Studies, French Education, Journalism, Occupational Therapy, Optometry, Police Sciences and Social Work.

**C. NURSING PROGRAM New\***

There are two **Bachelor of Nursing Degree** programs in Saskatchewan.

The Nursing program at the University of Saskatchewan requires a **first year of general studies in Arts and Science** followed by three years of Nursing through the College of Nursing. Course requirements are Biology 120.3, Chemistry 112.3, Nutrition 120.3, Statistics 244.3, English (at .3 credit), and other electives from the social sciences.

The Nursing program at the University of Regina and SIAST is **Direct Entry** and is delivered either in Saskatoon or Regina. The required subjects are: English Language Arts A30 and English Language Arts B30, Highest Math 30, Chemistry 30 and Biology 30.

**D. SIAST - KELSEY (SASKATOON) CAMPUS**

Web site: [goSIAST.com](http://goSIAST.com)

1. The programs listed here are available at Kelsey Campus. Many other programs are offered at the other campuses, namely Woodland, Wascana, and Palliser.
2. With the exception of a small number of High Demand programs, admission to all other SIAST campuses is on a **“First Admitted, First Qualified”** basis. This means eligibility is based on meeting minimum entrance requirements and the date of application. Grade 12 students are strongly encouraged to apply as early as September of their Grade 12 year. If an applicant is not offered a seat in the first intake, their application will be held on a waiting list which can remain active over several years.

3. **“High Demand”** programs are: Applied Photography, Medical Laboratory Technology, Combined Laboratory and X-Ray Technician, Dental Hygiene, Medical Radiological Technology, Power Engineering and Practical Nursing. Potential students must apply annually between October 1 and February 15. Additional selection criteria could include aptitude tests, career investigation and interviews.
4. When SIAST refers to a Grade 12 requirement with a minimum overall average, the following 5 subjects will be used:
  - English Language Arts A30 and B30,
  - Highest grade in 20 or 30 – level History, Native Studies or Social Studies
  - Highest grade in 20 or 30 – level Mathematics. \*The new Math requirements pertain to students graduating in 2013.
  - Highest grade in 20 or 30 level Science/Biology, Chemistry, Physics, Geology, Computer Science).
  - Only 2 level 20 classes may be used.
5. Many programs require criminal records check and/or security clearance for practicum. See Student Services or the web site for further information.

PROGRAM	REQUIRED GRADE 12 COURSES
AUTOMOTIVE SERVICE TECHNICIAN	- Grade 12
BUILDING SYSTEMS TECHNICIAN	- Grade 12 - Math A30 or Minimum of 60% in W&A 30, Found 20 OR Pre-Calculus 20 - Recommended First Aid and CPR HeartSaver "A" AED or equivalent
BIOTECHNOLOGY TECHNOLOGY	- Grade 12 - English Language Arts A30 and B30 combined (Minimum 65% combined ave.) - Chemistry 30 and Biology 30 (Minimum 65%) - Math B30 or (Pre-Calculus 30) Minimum 65%)
CAD/CAM ENGINEERING TECHNOLOGY	- Grade 12 - Math B30, Math C30 or Pre-Calculus 30 (Minimum 60%) - Physics 30 (Minimum 60%)
CHEMICAL TECHNOLOGY (Biology 30 not required)	- Grade 12 - English Language Arts A30 and English Language Arts B30 (Minimum 60%) - Chemistry 30 (Minimum 60%) - Highest Math 30 or Pre-Calculus 30 (Minimum 60%)

PROGRAM	REQUIRED GRADE 12 COURSES
COMBINED LABORATORY & X-RAY TECHNOLOGY  MEDICAL LABORATORY TECHNOLOGY  MEDICAL RADIOLOGIC TECHNOLOGY	<ul style="list-style-type: none"> <li>- Grade 12</li> <li>- English Language Arts A30 and English Language Arts B30. Minimum 70%</li> <li>- Math B30 or Found 30 OR Pre-Calculus 30 (Minimum of 70%)</li> <li>- Physics 20, Chemistry 30, Biology 30 (Minimum Average 70%)</li> <li>- First Aid and CPR HeartSaver "A" AED or equivalent</li> <li>- Application period Oct 1-Feb 15</li> </ul>
COMMERCIAL PILOT	<ul style="list-style-type: none"> <li>- Grade 12</li> <li>- Private Pilot License</li> <li>- Physics 30 and Math 30 recommended</li> <li>- Category 1 Medical Certificate</li> </ul>
COMPUTER SYSTEMS TECHNOLOGY	<ul style="list-style-type: none"> <li>- Grade 12</li> <li>- Math B30 or in Found 30 OR Pre-Calculus 30 (Minimum of 70%)</li> <li>- Physics 30 or Chemistry 30 or Computer Science 30 (Minimum 70%)</li> <li>- Overall Minimum Average 65%</li> </ul>
CONTINUING CARE ASSISTANT	<ul style="list-style-type: none"> <li>- Grade 12</li> <li>- Interview, First Aid and CPR HeartSaver "A" AED or equivalent for practicum.</li> </ul>
CYTOTECHNOLOGY	<ul style="list-style-type: none"> <li>- Grade 12</li> <li>- English Language Arts A30</li> <li>- English Language Arts B30</li> <li>- Math B30 or Found 30 OR Pre-Calculus 30 (Minimum of 70%)</li> <li>- Biology 30, Chemistry 30 and Physics 20 (Minimum 70%)</li> <li>- First Aid and CPR HeartSaver "A" AED or equivalent Information Meeting with Program Personnel required</li> </ul>
EARLY CHILDHOOD EDUCATION	<ul style="list-style-type: none"> <li>- Grade 12</li> <li>- English Language Arts A30</li> <li>- English Language Arts B30</li> <li>- Immunization Record and Criminal Record Check</li> </ul>
EDUCATIONAL ASSISTANT	<ul style="list-style-type: none"> <li>- Grade 12</li> <li>- Distance Education delivery</li> </ul>
ELECTRONICS SYSTEMS ENGINEERING TECHNOLOGY	<ul style="list-style-type: none"> <li>- Grade 12</li> <li>- Physics 30</li> <li>- Math B30 (Minimum 60%in Pre-Calculus 30)</li> <li>- Math C30 (Minimum 60%)</li> </ul>
ELECTRONICS TECHNICIAN	<ul style="list-style-type: none"> <li>- Grade 12</li> <li>- Math A30 (Minimum 60%) or Minimum of 60% in W&amp;A30, Found 20 OR Pre-Calculus 20</li> <li>- Physics 30 Recommended</li> </ul>
FOOD & NUTRITION MANAGEMENT	<ul style="list-style-type: none"> <li>- Grade 12</li> </ul>
FUNERAL SERVICE	<ul style="list-style-type: none"> <li>- Grade 12 with minimum overall average 60% in English Language Arts A30, B30, Biology 30, Math A30 or any 30 level Math, <u>One</u> of History 30, Social Studies 30 or Native Studies 30</li> <li>- Criminal Record Check and Valid Drivers Licence</li> <li>- Offered through Distance Education</li> </ul>
HOTEL AND RESTAURANT ADMINISTRATION	<ul style="list-style-type: none"> <li>- 18 yrs. or age by August 15 of Admission Year</li> <li>- Grade 12</li> </ul>
LIBRARY & INFORMATION TECHNOLOGY	<ul style="list-style-type: none"> <li>- Grade 12</li> <li>- English Language Arts A30 and B30 (Minimum 60%) * intake every two years.</li> <li>- Intake during even years only</li> </ul>

PROGRAM	REQUIRED GRADE 12 COURSES
MECHANICAL ENGINEERING TECHNOLOGY	<ul style="list-style-type: none"> <li>- Grade 12</li> <li>- Physics 30 (Minimum 60%)</li> <li>- Math B30, Math C30 or Pre-Calculus 30 (Minimum of 60%)</li> </ul>
NURSING	<ul style="list-style-type: none"> <li>- English Language Arts A30 (Min. 70%)</li> <li>- English Language Arts B30 (Min. 70%)</li> <li>- Highest Math 30 (Min. 70%)</li> <li>- Chemistry 30 and Biology 30. (Min. 70%)</li> </ul>
PHARMACY TECHNICIAN	<ul style="list-style-type: none"> <li>- Grade 12</li> <li>- Biology 30 (Minimum 70%)</li> <li>- Chemistry 30 (Minimum 70%)</li> <li>- Math A30 or Found 30 OR W&amp;A 30 (Minimum 70%)</li> <li>- Keyboarding - 35 Wpm</li> <li>- First Aid and CPR HeartSaver "A" AED or equivalent recommended for practicum</li> </ul>
POWER ENGINEERING TECHNICIAN/ TECHNOLOGY	<ul style="list-style-type: none"> <li>- Grade 12</li> <li>- Math B30 or Foundations 30 OR Pre-Calculus 30</li> <li>- Overall Minimum Average 65%</li> <li>- Orientation Strongly Recommended</li> <li>- Chem 30, Phys 30, Math C30, First Aide and CPR HeartSaver "A" AED or equivalent, are not admission requirements but might be required by employers.</li> </ul>
PRACTICAL NURSING  Moving to high demand intake in 2011	<ul style="list-style-type: none"> <li>- Grade 12 with minimum overall average of 65% in</li> <li>- English Language Arts A30 &amp; B30</li> <li>- Any Math 30 or Foundations 30 OR Pre-Calculus 30</li> <li>- One of Biology 30, Chemistry 30 or Physics 30</li> <li>- One of History 30, Native Studies 30 or Social Studies 30</li> <li>- Medical Fitness</li> <li>- First Aid and CPR HeartSaver "A" AED or equivalent</li> <li>- Criminal Record Check.</li> </ul>
PRIMARY CARE PARAMEDIC (formerly EMT)	<ul style="list-style-type: none"> <li>- Grade 12 with minimum overall average of 60% in English Language Arts A30, English Language Arts B30 Biology 30 or Chemistry 30</li> <li>- First Aid and CPR HeartSaver "A" AED or equivalent</li> <li>- Physically able to perform tasks</li> </ul>
REFRIGERATION & AIR CONDITIONING	<ul style="list-style-type: none"> <li>- Grade 12</li> <li>- Highest Math 30</li> <li>- Overall Minimum Average 60%</li> </ul>
REHABILITATION WORKER EDUCATIONAL ASSISTANT THERAPEUTIC RECREATION YOUTH CARE WORKER	<ul style="list-style-type: none"> <li>- Grade 12</li> <li>- Security clearance and medical may be required for practicum.</li> </ul>
RECREATION AND TOURISM MANAGEMENT	<ul style="list-style-type: none"> <li>- Grade 12</li> <li>- English Language Arts A30 and English Language Arts B30 (Minimum 60%)</li> <li>- Highest Level 30 Math</li> </ul>
THERAPEUTIC RECREATION	<ul style="list-style-type: none"> <li>- Grade 12</li> </ul>

PROGRAM	REQUIRED GRADE 12 COURSES
VETERINARY TECHNOLOGY	<ul style="list-style-type: none"> <li>- Grade 12</li> <li>- English Language Arts A30 and B30 combined (Minimum 70%)</li> <li>- Chemistry 30 and Biology 30 (Minimum 70%)</li> <li>- Highest Math 30 or Found 30 OR Pre-Calculus 30 (Minimum 70%)</li> <li>- 60 hours documented veterinarian supervised volunteer or work experience</li> <li>- Mandatory orientation session</li> </ul>
YOUTH CARE WORKERS	Grade 12

## E. TRADE APPRENTICESHIP

Apprenticeship training is an “earning” while “learning” arrangement for a required term. Job training is combined with technical training with about 80% of the time spent on the job and 15% of the time in technical training usually at a technical institute.

Although there are no specific academic requirements, employers prefer Grade 12 with advanced knowledge in math, science, communication and technology skills.

There are 50 designated trades in Saskatchewan. For trades that have no pre-trade programs, students must attain employment from an employer who will sponsor them. For more information, go to [www.saskapprenticeship.ca](http://www.saskapprenticeship.ca) or see a counsellor.

Technical training for the following trades may be taken at SIAST – Kelsey campus:

- Agricultural and Machinery Technician
- John Deere Agricultural Technician
- Auto Body Technician
- Automotive Service Technician
- Automotive Service Educational Program
- Cook
- Heavy Duty Equipment Mechanic
- Industrial mechanic (Millwright)
- Machinist
- Meat Cutter
- Motor Vehicle Body Repairer
- Parts Person
- Plumber
- Refrigeration Mechanic
- Sheet Metal Worker
- Steamfitter – Pipefitter
- Steel Fabricator
- Truck and Transport Mechanic
- Welding

# BISHOP JAMES MAHONEY HIGH SCHOOL

## PROGRAM PLANNING GUIDE 2011 - 2012

Place an " x " by the credits you have earned. Place a " ✓ " by the credits you plan to earn.

LEVEL 10	LEVEL 20	LEVEL 30
<ul style="list-style-type: none"> <li><input type="checkbox"/> CHRISTIAN ETHICS 10</li> <li><input type="checkbox"/> ENG. LANG. ARTS A10</li> <li><input type="checkbox"/> ENG. LANG. ARTS B10</li> <li><input type="checkbox"/> ENG. LANG. ARTS A10A</li> <li><input type="checkbox"/> ENG. LANG. ARTS B10A</li> <li><input type="checkbox"/> ENG. LANG. ARTS A11</li> <li><input type="checkbox"/> ENG. LANG. ARTS B11</li> <li><input type="checkbox"/> HISTORY 10</li> <li><input type="checkbox"/> HISTORY 10H</li> <li><input type="checkbox"/> HISTORY 11</li> <li><input type="checkbox"/> FOUNDATIONS OF MATH AND PRECALCULUS 10</li> <li><input type="checkbox"/> WORK AND APPRENTICESHIP MATH 10</li> <li><input type="checkbox"/> MATHEMATICS 11</li> <li><input type="checkbox"/> NATIVE STUDIES 10</li> <li><input type="checkbox"/> SCIENCE 10</li> <li><input type="checkbox"/> SCIENCE 11</li> <li><input type="checkbox"/> WELLNESS 10</li> </ul>	<ul style="list-style-type: none"> <li><input type="checkbox"/> CHRISTIAN ETHICS 20</li> <li><input type="checkbox"/> ENG. LANG. ARTS 20</li> <li><input type="checkbox"/> ENG. LANG. ARTS 20A</li> <li><input type="checkbox"/> ENG. LANG. ARTS 21</li> <li><input type="checkbox"/> HISTORY 20</li> <li><input type="checkbox"/> HISTORY 20H</li> <li><input type="checkbox"/> HISTORY 21</li> <li><input type="checkbox"/> FOUNDATIONS OF MATH 20</li> <li><input type="checkbox"/> PRECALCULUS 20</li> <li><input type="checkbox"/> WORK AND APPRENTICESHIP 20</li> <li><input type="checkbox"/> MATHEMATICS 21</li> <li><input type="checkbox"/> NATIVE STUDIES 20</li> </ul>	<ul style="list-style-type: none"> <li><input type="checkbox"/> CHRISTIAN ETHICS 30</li> <li><input type="checkbox"/> ENG. LANG. ARTS A30</li> <li><input type="checkbox"/> ENG. LANG. ARTS B30</li> <li><input type="checkbox"/> ENG. LANG. ARTS A30A</li> <li><input type="checkbox"/> ENG. LANG. ARTS B30A</li> <li><input type="checkbox"/> ENG. LANG. ARTS A31</li> <li><input type="checkbox"/> ENG. LANG. ARTS B31</li> <li><input type="checkbox"/> HISTORY 30</li> <li><input type="checkbox"/> HISTORY 30H</li> <li><input type="checkbox"/> HISTORY 31</li> <li><input type="checkbox"/> NATIVE STUDIES 30</li> </ul>
<ul style="list-style-type: none"> <li><input type="checkbox"/> ED. CHRETIENNE 10</li> <li><input type="checkbox"/> FRANÇAIS IMM. 10</li> <li><input type="checkbox"/> HISTOIRE 10</li> <li><input type="checkbox"/> FONDEMENTS DES MATHÉMATIQUES ET PRÉCALCUL 10</li> <li><input type="checkbox"/> MILIEU DE TRAVAIL ET FORMATION D'APPRENTIS 10</li> </ul>	<ul style="list-style-type: none"> <li><input type="checkbox"/> ED. CHRETIENNE 20</li> <li><input type="checkbox"/> FRANÇAIS IMM. 20</li> <li><input type="checkbox"/> FRANÇAIS IMM. INTEGRE A20</li> <li><input type="checkbox"/> HISTOIRE 20</li> <li><input type="checkbox"/> FONDEMENTS DES MATHÉMATIQUES 20</li> <li><input type="checkbox"/> PRÉCALCUL 20</li> <li><input type="checkbox"/> MILIEU DE TRAVAIL ET FORMATION D'APPRENTIS 20</li> </ul>	<ul style="list-style-type: none"> <li><input type="checkbox"/> ED. CHRETIENNE 30</li> <li><input type="checkbox"/> FRANÇAIS IMM. 30</li> <li><input type="checkbox"/> SCIENCES SOC. IMM. 30</li> </ul>
<ul style="list-style-type: none"> <li><input type="checkbox"/> ART 10</li> <li><input type="checkbox"/> ART 10A</li> <li><input type="checkbox"/> BAND 10</li> <li><input type="checkbox"/> CHORAL 10</li> <li><input type="checkbox"/> CLOTHING, TEXTILE AND FASHION 10</li> <li><input type="checkbox"/> COMM. COOKING 10</li> <li><input type="checkbox"/> DRAFTING 10</li> <li><input type="checkbox"/> DRAMA 10</li> <li><input type="checkbox"/> DRAFTING 10</li> <li><input type="checkbox"/> ENHANCED FRENCH 10</li> <li><input type="checkbox"/> FRENCH 10 (CORE)</li> <li><input type="checkbox"/> GRAPHICS ARTS 10</li> <li><input type="checkbox"/> MUSIC 10</li> <li><input type="checkbox"/> NATIVE STUDIES 10</li> <li><input type="checkbox"/> PASA A10</li> </ul>	<ul style="list-style-type: none"> <li><input type="checkbox"/> ART 20</li> <li><input type="checkbox"/> ART 20A</li> <li><input type="checkbox"/> BAND 20</li> <li><input type="checkbox"/> BIOLOGY 20</li> <li><input type="checkbox"/> CAREER &amp; WORK EX. 10 &amp; 20</li> <li><input type="checkbox"/> CHEMISTRY 20</li> <li><input type="checkbox"/> CHORAL 20</li> <li><input type="checkbox"/> COM. PROD. TECH. 20</li> <li><input type="checkbox"/> COMP. SCIENCE 20</li> <li><input type="checkbox"/> DRAMA 20</li> <li><input type="checkbox"/> DRAFTING 20</li> <li><input type="checkbox"/> ENHANCED FRENCH 20</li> <li><input type="checkbox"/> FRENCH 20 (CORE)</li> <li><input type="checkbox"/> GRAPHIC ARTS 20</li> <li><input type="checkbox"/> MUSIC 20</li> <li><input type="checkbox"/> NATIVE STUDIES 20</li> <li><input type="checkbox"/> PASA A20</li> <li><input type="checkbox"/> PHYS. ED. 20</li> <li><input type="checkbox"/> PHYSEMISTRY 20</li> <li><input type="checkbox"/> PHYSICS 20</li> <li><input type="checkbox"/> SCIENCE 21</li> </ul>	<ul style="list-style-type: none"> <li><input type="checkbox"/> ARTS 30</li> <li><input type="checkbox"/> ARTS 30A</li> <li><input type="checkbox"/> BAND 30</li> <li><input type="checkbox"/> BIOLOGY 30</li> <li><input type="checkbox"/> CALCULUS 30</li> <li><input type="checkbox"/> CAREER &amp; WORK EX. 30 (2CR.)</li> <li><input type="checkbox"/> CHEMISTRY 30</li> <li><input type="checkbox"/> CHORAL 30</li> <li><input type="checkbox"/> CLOTH, TEXT &amp; FASHION 30</li> <li><input type="checkbox"/> COM. PROD. TECH. 30</li> <li><input type="checkbox"/> COMP. SCIENCE 30</li> <li><input type="checkbox"/> CARPENTRY 30</li> <li><input type="checkbox"/> DRAMA 30</li> <li><input type="checkbox"/> ENHANCED FRENCH 30</li> <li><input type="checkbox"/> FOOD STUDIES 30</li> <li><input type="checkbox"/> FRENCH 30 (CORE)</li> <li><input type="checkbox"/> GRAPHIC ARTS 30</li> <li><input type="checkbox"/> INTERIOR DESIGN 30</li> <li><input type="checkbox"/> LAW 30</li> <li><input type="checkbox"/> MATH A30Y</li> <li><input type="checkbox"/> MATH A30</li> <li><input type="checkbox"/> MATH B30</li> <li><input type="checkbox"/> MATH C30</li> <li><input type="checkbox"/> MUSIC 30</li> <li><input type="checkbox"/> NATIVE STUDIES 30</li> <li><input type="checkbox"/> PHYS. ED. 30</li> <li><input type="checkbox"/> PHYSICS 30</li> <li><input type="checkbox"/> PSYCHOLOGY 30</li> <li><input type="checkbox"/> STUDIO ART 30A</li> </ul>
# OF CREDITS	# OF CREDITS	# OF CREDITS

TOTAL NUMBER OF CREDITS \_\_\_\_\_