*Welcome to North Battleford Comprehensive High School*

*Home of the Vikings!*

*“From Possibility to Actuality”*

North Battleford Comprehensive High School is a grade 7 - 12 community high school in the public school system of the Living Sky School Division #202.

The school’s vision statement states that the school is a diverse community striving for excellence, promoting mutual respect and preparing students for the future challenges of tomorrow.

The school provides an environment in which students can achieve academic excellence and strong vocational technical skills as well as personal, social, and physical development. North Battleford Comprehensive High School has an excellent staff who are prepared to assist students in their educational journey. Our goal is to help students become self-motivated, independent learners, and taught how to take responsibility for their learning.

Selecting classes for students at the high school level requires careful thought and effective planning. It is highly recommended that students discuss their short and long-term educational goals with their parents, teachers, counsellors or administrators.

The staff at North Battleford Comprehensive High School look forward to another excellent school year. We hope your high school years at our school are filled with many positive learning experiences and collection of fond memories. We are glad you have chosen our school and hope you find the information in this booklet helpful in making your course selections.

**FACTORS TO CONSIDER IN SELECTING CLASSES**

In selecting classes, students and parents should first examine the following table of academic requirements at N.B.C.H.S. Students and parents are advised, however, to plan their programs early and very carefully, particularly if the student is planning to continue in any post‑high school educational institute. Entrance requirements into University, Colleges, Technical Institutes and Trade Schools will vary and may differ from the Department of Education requirements. Students should seek advice from a Guidance Counsellor when making selections.

Students enrolled at N.B.C.H.S. are required to register in classes according to the following criteria. Any exceptions to this policy are at the discretion of the administration.

*Grade 7, 8 and 9 students must register in the FULL Saskatchewan Ministry of Education program.*

*Grade 10 Students must register in a minimum of five credit subjects in each semester, following guidelines set out by the Saskatchewan Ministry of Education.*

*Grade 11 students must register in a minimum of five credit subjects in each semester following guidelines set out by the Saskatchewan Ministry of Education.*

*Grade 12 students may register in credit subjects according to the remaining credits they need to graduate (a minimum of 24 credits) following guidelines set out by the Saskatchewan Ministry of Education.*

*A student wishing to register in three credit subjects in a semester must have approval of the administration and must register in three credit subjects at the beginning of a semester.*

Students entering Grade 10 should plan and select a minimum of 24 credit classes they will require to complete Division IV. Each student should then select the 10 classes (minimum) they would like to take during the next academic year (2 semesters). Once this selection is made and registration has been completed, changes will be allowed only under special circumstances.

Course descriptions of all classes are given for each grade level. Parents and students should read these when making their selections. This will give you some idea of what the program is all about. Additional information regarding courses may be obtained from the Guidance Counsellors or subject teachers.

Elective Course Offerings:

Elective courses will be offered if there are sufficient numbers of students requesting them. In cases where numbers are insufficient, an alternate course selection will be made.

**ACADEMIC REQUIREMENTS**

Grade 7 and 8:

The Grade 7 program at NBCHS is designed to welcome the students into a larger school community while keeping students in the smaller classroom setting of a homeroom. Grade 7 and 8’s are placed in a homeroom setting where they will be with a teacher for the majority of their core subjects. Health and Physical Education are offered as a homeroom.

This program design allows flexibility to accommodate programming differences for students. Having the students together in a homeroom setting allows students to have the support of one consistent teacher for the majority of their subject work while introducing them to the concept of changing class locations and teachers on a regular basis to prepare them for future adjustment to high school.

Compulsory subjects - all students will take:

 a. English Language Arts

 b. Mathematics

 c. Social Studies

 d. Science

 e. Physical Education

 f. Health/Guidance

 g. Arts Education

Grade 9:

The grade 9 program at NBCHS will be designed as a transition into the program offerings, educational experiences and opportunities of Division IV. The grade 9’s will be placed in homeroom settings using a block schedule. Students in grade nine will have a homeroom teacher who teaches them one or two of their core or elective subjects. In some of the elective courses, students will be grouped to allow for a flexible scheduling process. Physical education and health classes will be separated by gender.

This program design will allow flexibility in scheduling, unit planning and regrouping throughout the year, grouping to accommodate developmental differences, innovation for new instructional approaches and assessment techniques. It allows students opportunities for basic skill development and enrichment as well as the use of interdisciplinary teaching and shared planning time for teachers.

Our vision is to promote a sense of community within the grade nine student population. We hope to make the adjustment to high school easier for grade 9 students, maintain more consistent expectations for our students and help them in the development of cooperative learning and leadership skills.

# Compulsory subjects - all students will take:

#  a. English Language Arts

#  b. Mathematics

#  c. Social Studies

#  d. Science

#  e. Physical Education

#  f. Health/Guidance

#  g. Practical and Applied Arts (Woods, Mechanics/Welding, Cooking, Drafting/Robotics)

# Elective Subjects – Students choose one of:

#  A. Band – Band is taken through out the school year

#  B. Arts Education (Guitar, Drama, Computer Literacy, Art)

# Driver Education is offered though out the school year. The program will be offered at noon hour for eligible grade nine students.

Middle Years Enriched Program – NBCHS provides an enriched program for learning for students in grade nine and ten as preparation for participation in the International Baccalaureate Program. Compulsory subjects include: English 9E, Mathematics 9E, Social Studies 9E, and Science 9E and French 9E - students interested in this program must complete an application and the school will contact you if you are selected.

**PROGRAMS OFFERED**

The North Battleford Comprehensive High School offers four academic streams for its students. While courses in each of these streams are described in this booklet, the overall intent and direction is as follows:

Regular Academic Program (10, 20, 30)

This is a regular three-year program, which follows the Department of Education's established curricula and courses of study. It is designed for students seeking Grade 12 completion and used to fulfil entrance requirements to University and other post‑secondary institutions.

International Baccalaureate Program (20IB, 30IB)

This is an enriched two-year program designed for students with higher academic abilities and who anticipate going to University and pursuing a professional career. Students thinking of taking IB classes in grade 10 and 11 should complete an application to take the enriched program in grade 9; however, students can apply to enter the IB program starting in grade 10.

Modified Education Program (11, 21, 31)

These are locally developed and departmentally approved courses of study designed for students who have experienced academic difficulties in the compulsory subjects of English, Social Studies, Science or Math in either Grade 9 or Grade 10. These courses are not as demanding as regular courses of study and are designed to help students up‑grade their knowledge and skills. Students may pursue modified courses through three years or they may transfer to regular courses when ready.

Alternate Education (18, 28, 38)

This is an educational package designed to develop Communication, Mathematics and Independent Living skills for those students who, after parental interviews and achievement/ability testing, are considered unable to pursue a regular course of studies and are in need of intense instruction.

The Alternate Program is designed to assist students in developing a functional skill set and knowledge base, and to assist in a successful transition to adult living within the community.

Students entering the alternate Program at the Division IV level will receive 18, 28 and 38 level credits and will achieve a certificate upon completion of their course work. Depending upon timetabling considerations, students are also required and encouraged to enhance their programs with options and electives that are available as credited classes.

Functionally Integrated Special Education Program

This is an individualized inclusive education model that looks after these students’ special needs. We provide an academic, social, emotional, sensory and physical needs program for each individual in the program until their 22nd birthday.

**THE INTERNATIONAL BACCALAUREATE PROGRAM**

The International Baccalaureate (IB) program is an international educational program intended to provide a liberal education for the more able student, especially those bound for university study.

The IB is based upon a syllabus designed by a group of scholars drawn from the international community. The program is administered from the International Baccalaureate offices in Wales and is now operating in over 800 schools in more than 70 countries. In Canada there are over 60 schools accredited to offer the IB. Our program is one of four offered in the province.

AIMS OF THE PROGRAM:

1. To equip the student with the means to make wise choices in dealing with the modern world.

2. To ensure that the student learns how to learn so that he may respond appropriately to the constant increase in information.

3. To ensure that the student's education is broad enough to enhance awareness of the brotherhood of man and social responsibility.

4. To ensure the acquisition of specific skills necessary for higher education and future employment in an increasingly competitive world.

5. To create an awareness and understanding of the importance of international communication in an increasingly interdependent world.

REQUIREMENTS OF THE PROGRAM: To satisfy the requirements for an IB Diploma, a student must study six basic subject areas plus three additional requirements as listed below. In the subject areas, three of the six subjects must be studied at the Higher Level (HL), which requires a higher degree of mastery than the three which must be taken at the Standard Level (SL).

Basic Subjects:

 a. Language A: A study of the native language of the student including the study of some world literature in translation (English ‑ HL).

b. Language B: a study of a second language (French ‑ HL)

c. Study of Man: a study of one of the humanities or social sciences as approved by the IB (History ‑ HL/SL)

d. Experimental Science: a study of one of the physical or biological sciences (Chemistry ‑ HL).

e. Mathematics (SL).

f. Biology (SL).

Additional Requirements: In addition to the basic subjects the student will be expected to complete work in the following:

a. Theory of Knowledge: a course of study designed to show the interrelatedness of all fields of study as outlined under Basic Subjects above.

b. Independent Study (guided course work) in Language A conducted under the guidance of the English teacher (World Literature component).

c. Creative, activity and service involvement is expected to occupy the equivalent of 100 hours over grades 11 and 12. This will be conducted under the guidance of the IB Co‑ordinator.

d. An extended essay of approximately 4,000 words in a subject area of the student's choice, which will be evaluated by external examiners. The essay is initiated in the Grade XI year and completed before final exams in the Grade XII year.

Evaluation:

Examinations are prepared and graded by the IB organization. In some subjects these external examinations account for 80% of a student's final mark. The student’s classroom teachers will provide the balance, 20%.

Marks are expressed on a seven‑point scale where 1 is poor, 4 is satisfactory, and 7 is excellent. In order to obtain the IB Diploma a student must accumulate a least 24 points on the examination, extended essay and guided course work. Bonus points may be added based upon the student's performance in the Theory of Knowledge and extended essay.

IB examinations are held in May of the student's Grade 12 year with the exception of

Biology, which is written in May of Grade 11. Generally, they require a degree of mastery and writing ability higher than those normally associated with high school. In some cases, the examinations contain an oral section. Final examination marks from IB will only be forwarded to post‑ secondary institutions at the request of the student, but most universities require them.

Certificate Courses:

Students who do not wish to complete the full IB Diploma program may take course options 10 – 12 on an individual course basis at either the standard or higher level (i.e. English 10A/B IB, English 20 IB, World Lit 20, English 30 A/B IB).

RELATIONSHIP TO THE SASKATCHEWAN CURRICULUM

An important goal of the IB is to ensure that the student meets the demands of the local and provincial jurisdictions in addition to that of the International Baccalaureate. Accordingly, a student who wishes or is advised to move into the regular high school program may do so without difficulty.

Over three years these subjects will account for 28 credits. 24 minimum credits are required for a Saskatchewan High School Diploma. Parents and students should keep in mind that, over three years students might choose and obtain up to thirty‑six credit courses at N.B.C.H.S. Enrollment in the IB Program will not restrict students from taking other regular courses of study in which they have expressed an interest.

UNIVERSITY OF SASKATCHEWAN RECOGNITION OF THE IB PROGRAM

Students who obtain a final grade of 5 or higher will be granted Advanced standing for Higher Level Classes. In our case, students could be granted six credits in English; six credits in French; six credits in History and six credits in Chemistry for a total of 24 credits (NOTE: 30 credits equal one full year of university). Most major universities offer either advanced placement or credits for successful IB students.

ENTRANCE REQUIREMENTS

A student entering this program should have a proven record of success in academic work as well a display a strong intellectual curiosity and desire to learn. The student should also be capable of independent study.

WHY TAKE IB?

The IB program should appeal to a student for several reasons such as:

1. the attainment of a diploma that is recognized by many universities around the world.

2. the development of skills that will be of direct use in university.

3. the stress on an international perspective to education.

4. the challenge of a more in depth study.

5. the possibility of getting credits toward first year university, saving both time and money.

 **ENGLISH LANGUAGE ARTS (CORE PROGRAMS)**

COMPULSORY AT ALL FOUR GRADE LEVELS.

To meet the credit requirement for graduation, students are required to take five compulsory English Language Arts (ELA) courses at the secondary level. These compulsory courses include three theme-based courses in a Grade 10, 11, and 12 sequence. In addition, two issue-oriented courses designated as “B” courses are required at the Grades 10 and 12 levels respectively.

The focus of the secondary level English Language Arts curriculum is the development of the major language domains - oracy (speaking and listening) and literacy (writing and reading).

English 9

The Grade 9 English Language Arts curriculum teaches students to learn to use language in a variety of meaningful ways. Students learn about language as a necessary tool for thinking and communicating effectively and learn through language by applying their knowledge of language in their listening, speaking, reading, writing, viewing and representing experiences.

English Language Arts 11M (Grade 10) (2 credits) Prerequisite: Failure to complete Grade 9 English

This is a course designed for students who do not have a grade nine level of achievement in English or who struggle with the regular ELA course. Students enrolled in this program will concentrate on attaining those skills (reading, writing and oral communication) necessary to commence a regular high school English program.

English Language Arts 10 (Grade 10) (2 credits) Prerequisite: Grade 9 English

This regular Grade 10 English program is centered on learning to understand, apply and appreciate the complex aspects of language. Through an integrated approach, a balance is struck between speaking, listening, writing, reading, representing (communicating and responding through a variety of formats) and viewing. The grade 10 course, which may include interdisciplinary and cross-curricular studies, is thematically arranged into English Language Arts A10 and English B10 and includes the following subdivisions:

English Language Arts A10

1. Canadian Frontiers and Homeland - Journeys and Discoveries

2. Challenges - Opportunities and Obstacles

3. The Unknown - Hopes and Fears

English B10 (issue oriented)

1. Decisions - Action or apathy?

2. Environment and Technology - Reality and Responsibility

3. Equality - Pain or Pride?

English Language Arts 20 (Grade 11) (1 credits) Prerequisite: English 10

This compulsory course centers on the development of students’ language skills. It is based on the belief that language is the base for communicating, learning and thinking. These skills in language are developed through instruction based on the following themes:

1. Recollection - a Journey Back (subthemes: Innocence and Experience, Family and Peer Relationships, School and Education, Wonder and Imagination, Triumphs and Defeats)

2. Anticipation - on the Threshold (subthemes: Roles and Responsibilities, Choices and Commitments, Perspectives and Passages, Values and Goals)

English 21M (Grade 11) (1 credit) Prerequisite: English 10 or 11, or special permission

This is a modified English class offered to the student who would have difficulty coping with the English 20 course.

Elective Courses

Two elective courses at the 20 level are available. Students require English Language Arts A10 or B 10 as a prerequisite for each elective course.

Creative Writing 20 (Grade 11) (1 credit) Prerequisite: English Language Arts A10 or B10 and English Language Arts A20

Creative Writing 20 is designed to further develop students’ creative writing abilities and to refine their writing skills. Students practise a variety of writing forms which require increasingly complex levels of thought and imagination. They also have an opportunity to create and prepare various genres (including poems, plays and stories) for possible publication. Although the emphasis of the course is on the student’s experience of literary forms and various types of language through their creative writing, models for writing from a variety of literary sources are studied. Drama, poetry, fiction and creative non-fiction are explored.

Media Studies 20 (Grade 11) (1 credit) Prerequisite: English Language Arts A 10 or B 10

Media Studies 20 is designed to help students better understand mass communication and popular culture. Students explore the impact of mass media on the individual and society, including television, popular novels, magazines, photography, radio, film, and video. Students have an opportunity to read, view, write, and discuss critically as they examine the media which influence their lives.

English Language Arts A30 and B30 (Grade 12) (1 credit each) Prerequisite: English 20. Students require English Language Arts B10 as a prerequisite for English Language Arts B30.

English Language Arts A30 and B30 employ a unit approach to instruction and suggest themes (A30) and issues (B30) as organizing frameworks for the integration and interrelation of the speaking, listening, writing, reading, representing, and viewing objectives.

English Language Arts A 30 focuses on Canada and Canadian society. The suggested thematic units for this course are:

*1. Canada - Diverse Landscapes and Peoples* (Suggested sub-themes include: A Vast and Varied Land, Nature and the Seasons, Regional Landscapes, Identity and Diversity, Personalities and Values)

1. *Canada - Diverse Voices* (Suggested sub-themes include: Aboriginal Voices, Voices through Time, Regional Voices, Multicultural Voices, Female and Male Voices, Marginalized Voices)

Students require English Language Arts A10 and English Language Arts 20 as prerequisites for English Language Arts A30.

English Language Arts B 30 focuses on human concerns in a global society. The course is organized around global issues and perspectives, and uses traditional and contemporary world literature to examine these issues. The suggested issue-based units for this course are:

*1. The Human Condition - In Search of Self* (Suggested sub-issues include: Identity and Sense of Self, Human Qualities and Ideals, Human Relationships, Joy and Fulfilment, Doubt and Fear)

1. *The Social Experience - Beyond Personal Goals* (Suggested sub-issues include: Individual and Social Responsibility; Truth and Justice; Ambition, Power, and the CommonGood; Social Criticism; Causes and Crusades.)

English A31 and B31 (Grade 12) (1 credit each) Prerequisite: English 20 or 21 or special permission

This is an alternate English course offered to the student who would have difficulty coping with the English 30 course. Course content includes further development, applications and elaborations of skills in English 21. Students wishing to enroll in English 31 must register with Guidance or Administrative personnel.

INTERNATIONAL BACCALAUREATE (IB) ENGLISH - LANGUAGE A

This English course is part of an international program offered at the Comprehensive High School. It is a three-year program; one year is spent in preparation for the actual two-year course. In view of the international dimension of the IB, the program is broadened by reading and studying selected major units of world literature, usually in translation. Students may be granted a credit for first year English at most major universities across Canada and the United States if they excel in this course.

The aims of the Language A program as explained in the IB subject guide are to:

1. develop the student's powers of expression

2. provide them with an efficient tool for the study of other subjects

3. lead them to the appreciation of literature through the critical analysis of selected works.

4. lead through literature to a deeper understanding of the study of man in society.

5. bring them into contact with ways of thought, which differ from their own.

Pre-International Baccalaureate English 10A & B (2 credits):

Discussion, independent reading and literary analysis are important elements of the course. Students are expected to present and defend considered opinions in writing and orally. Students must develop independent learning skills to succeed in this course. Organization and good work habits are essential. Assignments are designed to develop the students’ skills in literary analysis and research, in creative writing, and in oral presentations.

World Literature 20 (Grade 11) (1 credit) Prerequisite English Language Arts A10 or B10

This course meets the requirements for the International Baccalaureate Language A programme for the unit of work entitled World Literature. Students must study a minimum of five works originally written in a language other than English. Through the study of literature in translation, the student gains a broadened and international perspective of literature and human thought. The student will be expected to develop the ability to study literature independently and critically, to structure ideas and arguments, both orally and in writing, in a sustained and logical fashion and to support them with precise and relevant examples.

IB English - Higher Level English A 30 IB, English B 30 IB

Students are expected to develop fluent powers of expression, both written and oral, and to express ideas with clarity, coherence and conciseness in a variety of styles and situations. They are expected to engage in close, detailed and critical study of literary texts.

SOCIAL SCIENCES

The Social Sciences consist of a wide number of programs. In this school we offer the following courses: Social Studies 10, 20, and Canadian Studies 30; History 10, 20, and 30; Psychology 20 and 30, Native Studies 10, 20, and 30; Law 30; and Enriched courses (IB) in History 10 IB, 20 IB and 30 IB.

One of Social Studies 10, History 10 or Native Studies 10 is compulsory at the Grade 10 level. At the Grade 12 level, it is compulsory to take at least one of Social Studies 30, History 30, or Native Studies 30. It is permissible to take more than one and receive credit for each course taken.

NOTE: STUDENTS ENROLLING IN ANY OF THE SOCIAL SCIENCE CLASSES AT THE 3O LEVEL SHOULD BE IN AT LEAST THEIR 5TH SEMESTER IN THIS SCHOOL.

**SOCIAL STUDIES/NATIVE STUDIES/HISTORY/PSYCHOLOGY**

Social Studies 9

In the grade 9 curriculum students study people and their relationships with their social, physical and technological environment. Students make connections to their own lives, as they explore and apply knowledge skills, thinking processes and values. The students learn to develop a sense of themselves as active participants in their world (personal, local, natural and global).

Social Studies 10 (Grade 10) (1 credit) Prerequisite: Grade 9

The goal of both Grade 10 Social Studies and History is to help students understand the basic organizations of industrialized, democratic societies. Social Studies 10 outlines the basic organization of Canadian society and provides some other examples to give students a basis for comparison. Political Decision-Making, Economic Decision Making, Ideology, and International Political and Economic relations are key content areas. The major concepts of interdependence, social institutions, decision-making, power and ideology are developed. In developing intellectual skills and abilities, the emphasis in grade 10 is on hypothesizing and analyzing.

Social Studies 11M (Grade 10) (1 credit) (Modified Social Studies 10) Prerequisite: none

This course is part of an alternative program for students who may have difficulty in regular classes. In this course students will take about half the concepts and content studied in the regular program. The content will focus on two or more units, including Political Decision Making, Economic Decision Making, Ideology, International Political Relations, and/or International Economic Relations.

In developing intellectual skills and abilities, the emphasis in grade ten is on hypothesizing and analyzing. Students will also practise skills outlined as Common Essential Learning: communication, creative and critical thinking, personal and social values and skills, numeracy and independent learning.

Social Studies 21M (Grade 11) (1 credit) Prerequisite: Social Studies 10 or 11M, and special permission

This is an alternative class for students who would have difficulty coping with a regular Social Studies 20 program. In this course students will take about 50% of the concepts studied in the regular program. The content will focus on a Human rights unit, and one or more of the following units: Population, Environment, Wealth, and/or World Governance.

Emphasis will be placed on the following skills and abilities: Making observations and drawing inferences; analysis; using data to support hypothesis; writing clear, organized five-paragraph essays; and problem solving techniques.

Students wishing to enroll in Social Studies 21 must register with Administration or Guidance personnel.

Social Studies 30: Canadian Studies (Grade 12) (1 credit) Prerequisite: Social Studies 10 or History 10 or Native Studies 10

Social Studies 30 is a Canadian Studies course that examines the concept of change and its role in Canadian Society. Students will learn to use a dialectical reasoning process to analyse and predict the effect of change on society and the individual. This process is designed to give students the skills to manage the rapid, and ever more frequent, change that they will face in their futures. Emphasis is placed on understanding the reasons for, the effects of, and management of change in Canadian economic development, cultural policy, political life and its global role.

Social Studies 31M (Grade 12) (1 credit) Prerequisite: Social Studies 10 or 11M, and special permission

This is an alternative Canadian Studies class for students who would have difficulty coping with the regular Social Studies 30 program. Students wishing to enroll in this class must register with Administration or Guidance personnel. Course content includes the following:

1. Change in Canadian society.

2. The influence of geography on economic, social and political developments

3. The Canadian political system and how it works

4. Canadian diversity and multiculturalism

5. Canada's role in the world.

History: Students wanting to take both Social Studies and History may do so and will obtain one credit for each.

History 10 (Grade 10) (1 credit) Prerequisite: none

The goal of both grade 10 Social Studies and History is to help students understand the basic organizations of industrialized, democratic societies. The history program uses the past to show students how fundamental social organizations developed in the late 18th and 19th centuries. Major content areas include the French Revolution, the Industrial Revolution, 19th Century Ideology, Imperialism and pre-World War I. The major concepts of interdependence, social institutions, decision-making, power and ideology are developed. In developing intellectual skills and abilities, the emphasis in grade 10 is in hypothesizing and analysing.

History 20 (Grade 11) (1 credit) Prerequisite: Social Studies 10 or History 10

Grade 11 History continues the development of grade 10. Concept studies include:

1. Forces underlying the world today: Nationalism, Industrialism, Imperialism, Militarism, The Balance of Power.

2. World War One and Two.

3. The development of totalitarian movements: Communism and Nazism.

4. Dominant Forces in the world today: in politics, economics, technology. The course will emphasize inquiry and critical reasoning.

History 30: Canadian Studies (Grade 12) (1 credit) Prerequisite: Social Studies 10 or History 10 or Native Studies 10

The History 30: Canadian Studies Course is a conceptually based course that examines the key events, processes, and people that shaped the development of Canadian society from contact between First Nations and Europeans to contemporary Canada. The course is divided into five units of study: Unit 1: Relationships: People and Paradigms; Unit 2: The Nineteenth Century: The Road to Democracy; Unit 3: External Forces and Domestic Realities; Unit 4: The Forces of Nationalism and Unit 5: Challenges and Opportunities.

In developing intellectual skills and abilities, the emphasis in History 30: Canadian Studies is on dialectical thinking, evaluation, and research and presentations skills. Students will be required to write one major research paper worth 20% of the final mark and a comprehensive final examination worth 20% of the final mark.

Psychology 20 (Grade 11) (1 credit) Prerequisite: none

Psychology 20 is a study of human behaviour. The purpose of the program is for the student to gain a better understanding of the factors that govern human behaviour. Equally important as developing the understanding or content discussed above, the program provides an opportunity to develop skills in critical thinking, social interaction and personal understanding.

Psychology 30 (Grade 12) (1 credit) Prerequisite: none ‑ Psych 20 preferred

Psychology 30 focuses primarily on the individual from a developmental point of view. The purpose of the program is for students to gain a better understanding of human development. The course includes an Introduction, Prenatal Care, Infant and Childhood Development, Adolescent Development and Adulthood.

Native Studies 10 (Grade 10) (1 credit) Prerequisite: none

Indian and Metis Social Organizations: Native Studies 10 is an examination of the cultures, the organizations and institutions of Indian and Metis peoples of Alberta, Saskatchewan and Manitoba. These cultures are studied as to how they existed in the past, how changes occurred and continue to occur, and the effect these changes might have on the future. The social organizations to be examined are categorized under the following units: Identity and Worldviews: Aboriginal Perspectives; Community and Kinship: Aboriginal Perspectives; Governance: Aboriginal Perspectives; and Economics: Aboriginal Perspectives.

The key skills developed in grade 10 are hypothesizing and analyzing. This course meets the grade 10 requirements for the compulsory Social Studies credit.

Native Studies 30: Canadian Studies (Grade 12) (1 credit) Prerequisite: None

The Native Studies 30 course employs a holistic approach to study the Canadian Indigenous people and key issues affecting them. The units of study are Aboriginal and Treaty Rights; Governance; Land claims and Treaty Land Entitlements; Economic Development; Social Development.

International Baccalaureate History

History 10 IB (Grade 10) (1 credit) Prerequisite: None

Students entering the enriched program in History 10 will study the forces and movements in European History that shaped the events of the twentieth century. Focussing on the 18th and 19th centuries, the content moves through the periods of Absolutism and Enlightenment to the French Revolution and the rise of Napoleon; investigates the rise of Liberalism, Nationalism and Socialism; and relates the impact of the Industrial Revolution to the development of Imperialism. In this course students will learn to use the skills of an historian including the gathering and interpretation of material from various sources (including primary documents), the ability to analyze data and to make and defend conclusions based on the data. History 10 IB would serve as sound preparation for the History 20 IB course.

History 20 IB (Grade 11) (1 credit) Prerequisite: History 10 IB or special permission

The IB History course is a study of the Twentieth century world history and growth beginning with the background to World War I through the two World Wars, finishing with the Cold War to contemporary events. Research skills are emphasized with an eye to the writing of the I.B. History exams. I.B. Diploma students who wish to write their extended Essay requirement on an historical topic are given special guidance throughout the course. This course is open to grade XI or XII students and fulfils Saskatchewan Education requirements for the third Social Science credit.

History 30 IB: (1 credit) Prerequisite: History 20 IB

Students who wish to fulfil the requirements for higher level IB History must complete a study of at least 100 years of the history of a particular region of the world in addition to the History 20 IB course. The region chosen for study at N.B.C.H.S. is the Americas. The course content will cover Canadian historical development relative to that of the United States and Latin America. The concepts covered will be those prescribed by the Saskatchewan Department of Education Curriculum for History 30. One credit is awarded for History 30 IB: Canadian Studies; One credit is awarded for History 30 IB: United States and Latin America

Law 30 (Grade 12) (1 credit) Prerequisite: None

The Law 30 course is designed to assist students to become active, informed and productive citizens who know and understand their legal rights and responsibilities. Through the course, students develop an understanding of the concept of rule of law, and learn that the law reflects, and is shaped by, society’s values and attitudes regarding social and human relationships. Topics addressed include foundations of Canada’s legal system, criminal and civil law, family law, employment and labour law, contract and consumer law, environmental law and international law.

Theory of Knowledge 30 (Grade 12) (1 credit) Prerequisite: None

This class is mandatory for all International Baccalaureate diploma candidates. It is generally offered every two years to satisfy the diploma requirement. I.B. diploma candidates will take this class in the first semester of either their grade eleven or twelve year, depending when it is offered. It is also open to all students as a level 30 non-compulsory elective credit.

Theory of Knowledge is a course of study designed to examine the interrelatedness of the various disciplines and ways of knowing. Truth and knowledge are the foci of the course. Perception, language and logic are some of the units studied.

Evaluation consists of one essay (1200 - 1600 words) from a prescribed list of titles, one class presentation and a mark for participation. There is no prerequisite for this class.

**MATHEMATICS**

Mathematics 9 - 12 Overview - the Mathematics program is designed to provide students with the opportunity to deal with real world situations, to interact and communicate through and about math, and to develop the necessary skills to study mathematics at post-secondary institutions.

Math 9 (2 semesters)

The grade 9 mathematics program is taught in an integrated fashion. Problem solving is an integral component of all strands. Students will learn problem solving, numbers and operations, ratio and proportion, geometry/measurement, data management and algebra. Students will learn how to apply these mathematical strands in life situations.

NOTE: Students who are below grade level may be placed on alternate mathematics programs to meet their needs.

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| **POST SECONDARY GOALS** | **Any post-secondary program is available with these credits.** | **Any post-secondary program is available with these credits.** | **Engineering requires Calculus 30, other programs recommend having** **Calculus 30** | **Engineering college programs require Pre-Calculus 30, most other university programs recommend having Pre-Calculus 30** | **University entrance requires Foundations 30.****A university will always look at students’ highest Foundation 30 or Pre-Calculus 30 mark.** | **Polytech, college programs , such as, business and health care programs require Workplace & Apprenticeship 30****Note: Apprenticeship programs require grade 12 and regular math and science credits.** |
| **MATHEMATICS COURSE GOAL** | **IB DIPLOMA CANDIDATE****(full IB)** | **IB MATH STANDARD LEVEL CERTIFICATE** | **CALCULUS 30** | **PRE-CALCULUS 30** | **FOUNDATIONS 30** | **WORKPLACE & APPRENTICESHIP 30** |
| **RECOMMENDED****GRADE 10 MATH CLASSES** | Semester 1: Foundations & Pre-Calculus 10Semester 2: Foundations 20 andPre-Calculus 20 | Semester 1: Foundations & Pre-Calculus 10Semester 2: Foundations 20 | Semester 1:Foundations & Pre-Calculus 10Semester 2:Foundations 20 | Semester 1:Workplace & Apprenticeship 10 Semester 2:Foundations & Pre-Calculus 10 | Semester 1:Workplace & Apprenticeship 10Semester 2:Foundations & Pre-Calculus 10 | Semester 1:Workplace & Apprenticeship 10Semester 2:Foundations & Pre-Calculus 10 (optional) |
| **RECOMMENDED GRADE 11 MATH CLASSES** | Semester 1:Foundations 30Semester 2:Pre-Calculus 30 | Semester 1:Pre-Calculus 20 and Foundations 30Semester 2:Pre-Calculus 30 | Semester 1:Pre-Calculus 20Semester 2:Foundations 30 | Semester 1:Foundations 20Semester 2:Pre-Calculus 20 | Semester 1:Workplace & Apprenticeship 20 Semester 2:Foundations 20  | Semester 1 or 2:Workplace & Apprenticeship 20 |
| **RECOMMENDED****GRADE 12 MATH CLASSESS** | Semester 1:Calculus 30Semester 2:IB Math | Semester 1:Calculus 30Semester 2:IB Math | Semester 1:Pre-Calculus 30Semester 2:Calculus 30 | Semester 1:Foundations 30Semester 2:Pre-Calculus 30 | Semester 1:Workplace & Apprenticeship 30 (optional)Semester 2:Foundations 30  | Semester 1 or 2:Workplace & Apprenticeship 30 |

It is recommended that students take a Mathematics course each semester. This is to ensure the development of Math skills and retention of Math concepts from year to year. Students are encouraged to take the Math courses that they are capable of achieving to ensure that have the required courses for programs that they may be interested in after high school.

Mathematics 10 Work Place and Apprenticeship

This course is designed to meet the needs of students intending to pursue careers in the trades and general workplaces. Topics include measurement, trigonometry, geometry, consumer Math and Algebra.

Mathematics 10 Foundations and Pre-Calculus

This course is designed to provide students with the mathematical understanding and critical thinking skills identified for entry into post-secondary programs at universities, colleges and some technical/vocational institutes. Topics include measurement, trigonometry, exponents, polynomials, factoring, irrational numbers and relations and functions.

Math 20 Workplace and Apprenticeship (Grade 11) (1 credit) Prerequisite: Math 10 Work Place and Apprenticeship

Intended for students who want to apprentice to a trade or enter the workforce directly after high school. It is designed to meet the entrance requirements for apprentices in most trades programs. This is a prerequisite course for Workplace and Apprenticeship 30. The course includes topics such as finance, geometry, measurement, and trigonometry.

Math 20 Foundations (Grade 11) (1 credit) Prerequisite: Math 10 Foundations and Pre-Calculus

Intended for students wishing to study at the post-secondary level in diverse fields, including arts programs, medical technologies, and some apprenticeship programs. This course is for students who plan to attend a university, college or technical institute after high school, but do not need calculus skills. This is a prerequisite course for Foundations of Mathematics 30. The course includes topics such as relations, functions and equations, probability, statistics and trigonometry.

Pre-Calculus 20 (Grade 11) (1 credit) Prerequisite: Math 10 Foundations and Pre-Calculus

Intended for students who plan to enter post-secondary programs such as engineering, mathematics, sciences, some business studies, or other programs that require advanced math skills. Many students will take Pre-Calculus 30 as well as Calculus 30. The course includes topics such as permutations and combinations, relations and functions, sequences and series, and trigonometry.

Math 30 Workplace and Apprenticeship (Grade 12) (1 credit) Prerequisite: Math 20 Workplace and Apprenticeship

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 linear relations, measurement, statistics, probability, geometry, trigonometry and transformations.

Math 30 Foundations (Grade 12) (1 credit) Prerequisite: Math 20 Foundations

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 calculus. Topics include financial mathematics, set theory, probability, polynomial functions, exponential and logarithmic functions, and sinusoidal functions.

Pre-Calculus 30 (Grade 12) (1 credit) Prerequisite: Pre-Calculus 20

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 calculus. Topics include transformations, radical functions, polynomial functions, trigonometry, exponential and logarithmic functions, rational functions and probability.

Calculus 30 (Grade 12) (1 credit) Prerequisite: Pre-Calculus 30

Calculus is an advanced mathematics that integrates algebra, trigonometry and geometry into one discipline. The purpose of this class is to prepare students who plan to enter a technology or a math/science related area of University. The topics covered in the course will be basics covered at a University calculus class and will include limits of functions, differentiation, applications of differentiation, integration, and applications of integration.

International Baccalaureate Mathematics

Students wishing to take part in the IB Math must register for Foundations and Pre-Calculus Math 10 (IB), Foundations of Mathematics 20 (IB), and Pre-Calculus 20 IB in their Grade 10 year. Foundations 30 and Pre-Calculus 30 will be completed in the Grade 11 year. These classes will prepare students for Math 12 IB that must be taken in the Grade 12 year.

Math 12 IB (Grade 12) Prerequisite: International Baccalaureate Math Program

This class is non-semestered and is an advanced mathematics that integrates algebra, trigonometry and geometry into one discipline. The purpose of this class is to prepare students who plan to enter a technology or a math/science related area of University. The topics covered in the course will be basics covered at a University calculus class and will include limits of functions, differentiation, applications of differentiation, integration, and applications of integration, vectors; extended normal curve, use of Z scores; set notations, algebra of sets.

Modified Mathematics

These courses are designed for students who require an alternate to the regular courses. They are practical courses that show the student how to use mathematical skills in day-to-day living and how to be a wise consumer. These courses provide a Division IV credit but do not meet university entrance requirements.

Math 11 (Grade 10) (1 credit) Prerequisite: Modified 9 or Failure to Complete grade 9 Math

The course content includes review of computational skills and concepts; development of problem solving; consumer, career and business mathematics; basic algebra and geometry.

Math 21 (Grade 11) (1 credit) Prerequisite: Math 11

The course content includes review of computational skills, problem solving and graphing; geometry; statistics and probability; algebra; consumer mathematics.

PLEASE NOTE: Students wishing to return to the regular college/university entrance mathematics stream WILL BE REQUIRED to enter at the MATH 10 credit.

**SCIENCES**

Science 9

Grade 9 students will study using electricity, chemistry and you, risks and limits, the atmosphere and the Saskatchewan environment. This is a resource-based program using a number of different learning approaches and textbooks. The students will use the Science – Technology – Society – Environment approach to science education.

Science 10 (Grade 10) (1 credit) Compulsory Prerequisite: Science 9 or Science 9E

Science 10 introduces students to various topics in Biology, Chemistry and Physics. Topics of study include chemical reactions, kinetics (seed, acceleration, and force), climate and ecosystems.

Science 11M (Grade 10) (1 credit) Prerequisite: Failure to complete Science 9

This is a modified Grade 10 Science course based upon some topics from Science 10. The course is designed to be modular in format allowing students to work at their own pace. Credit is granted when the required amount of work has been completed.

Science 10 IB (Grade 10) (1 credit) Prerequisite: Science 9

Science 10 E introduces students to various topics in the senior sciences of Biology, Chemistry, and Physics. The topics of study are similar to those in Science 10, however there is much more time spent on chemistry and the other units are enriched in breadth (more topics of study) and depth (more detail). This is an enriched course designed to lead into the IB sciences.

Environmental Science 20 (1 credit) Prerequisite: Science 10 or 11

Students will learn how to examine local and global environmental issues from a systems perspective while considering the effects of human actions and a growing global population on the climate and environment, as well as the effects of the environment on human health. They will explore the mechanisms and importance of aquatic and terrestrial ecosystems and the sustainability of past and current practices and technologies humans have developed to live with and within the environment.

Health Science 20 (1 credit) Prerequisite: Science 10 or 11

This course will challenge students to look at the health science field from holistic and analytic perspectives to provide a basis for making sound personal health choices. Students will examine the range of philosophies that guide health care and consider ethical decision within those contexts. Understanding the basic anatomy and physiology of the human body will provide a context for studying the normal and abnormal functioning of various body systems, including the role of nutrition and metabolism. Lastly, students will examine diagnostic tools and procedures and how they are used to inform treatment. Students will also investigate the range of health science careers and post-secondary programs available in Saskatchewan.

Physical Science 20 (1 credit) Prerequisite: Science 10 or 11

This course combines chemistry and physics in an integrated manner to investigate concepts related to heating and cooling, the foundations of chemistry, including the mole and quantitative analysis of molecules and chemical reactions, and the characteristics and properties of waves. An overarching theme is the study of the enterprise of public and private science as it occurs in agriculture, industry, and universities to help students better understand various physical science related career paths. Student inquiry will guide independent investigations of physical science phenomena.

Biology 30 (Core) (Grade 12) (1 credit) Prerequisite: Health Science 20/Environmental Science 20

Outcomes for this course include an introduction to Biology, DNA and Protein Synthesis, Genetics and Biotechnology, Evolution, Classification, and a survey of The Kingdoms of Life.

Chemistry 30 (Grade 12) (1 Credit) Prerequisite: Environmental Science 20

This course reviews chemical calculations studied in Chemistry 2O as well as how energy influences reactions and the rates of reactions; the collision theory in explaining chemical changes; and how matter tends to maintain an equilibrium. Acids and bases are studied in depth as well as electro-chemistry. In general, Chemistry 30 requires that the student be comfortable with algebra as mathematics are used far more extensively than in Chemistry 20.

Physical Science 30 (Grade 12) (1 credit) Prerequisite: Physical Science 20 or Math 20 Foundations or Math 20 Pre-Calculus

This course studies motion. By studying the motion of our environment, we can develop an appreciation and understanding of it. Technology in society is an important issue today and the moral dilemma that comes with each new technology will be addressed. Mathematics is used as a communication tool throughout the course. Problem solving in mathematics will also include thinking in more than one dimension.

International Baccalaureate Sciences (Standard Level)

I.B. Biology covers the Saskatchewan Education Curriculum for Biology 20 and 30 however; the material in Biology 20 and 30 IB is reordered in order to more effectively balance the increased level of difficulty between the two courses. There will be a considerable amount of individual study, reference reading, assignments and lab work.

Health Science 20IB/Physical Science 20 IB (1 credit) Prerequisite: Science 10E

These courses will cover the outcomes required for Health Science 20 and Physical Science 20 but designed to lead to Biology 30 IB and Chemistry 30 IB. Because of this, they are more demanding and content is adjusted as necessary to meet the requirements of the IB curriculum as well as the Saskatchewan outcomes.

Biology 30 IB (Grade 12) (1 credit) Prerequisite: Health Science 20 IB

Topics include The Human Body Systems, Genetics, Evolution, Classification and a survey of the Kingdoms of Life. Biology 30 IB is taken in the first semester of the Grade 11 year, finishing in January. Students enrolled in Biology 30 IB will write an IB exam in May of their Grade 11 year that covers topics from both Health Science 20 IB and Biology 30. As a result, a considerable amount of individual review and studying is necessary prior to the IB exam.

Chemistry 30 IB (Grade 12) (1 credit) Prerequisite: Physical Science 20 IB

The curriculum is very similar to Chemistry 30 however; the material is enriched in both depth and breadth of coverage. Again, laboratory work is quite extensive. This course is held in semester II of the grade 11 year.

IB Chemistry 30 (Grade 12) Prerequisite: Chemistry 30 IB (No SK Credit)

The second year of IB chemistry goes well beyond the regular high school curriculum, and is quite similar to a first year university course. Students write a worldwide I.B. final exam, and can obtain university credit in first year chemistry if successful. This is a two-semester course, running from September to May of the grade 12 year.

**PHYSICAL EDUCATION**

NOTE: IT IS SCHOOL POLICY THAT PHYSICAL EDUCATION/HEALTH AT THE GRADE 9 AND WELLNESS 1O BE COMPULSORY FOR BOTH BOYS AND GIRLS.

Physical Education/Health 7, 8, 9 Students in Physical Education/Health will have three periods of Phys. Ed. and two periods of health per week all year.

The physical education program empowers students to take advantage of participation in future physical activities for life. Students will focus on physical activity, fitness, self-concept, relationships with others, social behaviour and personal and group safety. Students will work on fitness, aquatics, development games and sports, gymnastics, outdoor pursuits and rhythmics and dance.

In Health 7, 8 and 9 students will cover the following topics: decision making, dating, chronic illnesses, HIV/Aides, tobacco industry, promoting ways to reduce common illnesses and safety at home, school and in the community, and promoting healthy food choices.

Wellness 10 (Grade 10) (Boys and Girls - 1 credit) Prerequisite: None

This course is designed for young people who are interested in developing their skill, strength, co‑ordination and general body fitness. The primary aim of Grade 10 Wellness is to expose the students to as many sports as possible. We take the basic skills and rules of each sport, which enable the student to participate in each sport, offered in inter‑mural and extra‑mural activities. The students will be offered approximately 16 sports ranging from the traditional activities of football, basketball, volleyball to different sports such as wrestling, weight training. Students will develop an appreciation and understanding of a healthy lifestyle including physical activity, stress management, physical fitness, relationships, leisure activities and healthy eating.

Physical Education 20 (Grade 11) (1 credit) Prerequisite: None

Although this course is a continuation of Wellness 10, students without Wellness 10 may enroll provided they have the physical ability and willingness to make up for possible deficiencies in different areas.

This class is a follow up to the level 10 class. There is less emphasis placed on the skills and more time spent on game situations and strategies. We will attempt to focus on more rigorous sports such as football, wrestling, skiing, acquasizes, bowling, handball and lacrosse. Students will develop leadership skills, as well as a better understanding of a healthy lifestyle including physical activity, stress management, physical fitness, relationships, leisure and healthy eating.

Physical Education 30 (Grade 12) (1 credit) Prerequisite: None

This course has a different approach than Wellness 10 or Physical Education 20. It is designed to help students prepare for post‑school activities. These include carry‑over sports such as skiing, curling, bowling and golfing. Particular emphasis is placed on skills in each activity.

Students will spend considerable time on organization and management of sports programs by being responsible for tournaments and athletic meets throughout the year. Ten hours of volunteer time are required to complete the course.

**FRENCH**

French 9

This is an advanced preparation French course for the International Baccalaureate program. Students learn to speak using the French language. Expectations are for students to learn to communicate fluently using the French language as well as appreciate the French culture through discussions, reading, talking, food and theatre.

The International Baccalaureate Program (Advanced French)

The goal of this programme is to develop in students an intermediate to advanced level of proficiency. Students who enroll in the I.B. are required to complete 500 - 600 hours (6 credits) in French Language Arts instruction. Students following the I.B. Program have an opportunity to receive a first year university standing in French.

Students are expected to achieve I.B.’s standard level of competency. At graduation, they are expected to perform at the intermediate to advanced level of proficiency as established by the ACTFL.

**ARTS EDUCATION – GRADE 7, 8, 9**

Students can choose between Band/Music 9 or Drama/Art 9.

Art – Students will learn to understand and value art expressions throughout life. They will cover three components – Creative/Productive; Cultural/Historical and Critical/Creative.

Drama – Students will have opportunities to increase their understanding of others, themselves and the world around them. This class will increase their ability to construct and communicate meaning through language and action. It will deepen their understanding of cultural and social traditions and gain a lasting appreciation of the dramatic arts through critical reflection upon drama experiences as a participant and an audience.

Band – Students will learn music appreciation, develop, and fine tune skills in playing a variety of musical instruments both individually and in a large group setting.

Music – This class will be an introduction to GUITAR. The focus will be on note reading, chords, scales, rhythms and finger dexterity.

ART AND DESIGN

The art program encourages personal development in visual arts. Students will be able to work in drawing, painting, pottery, sculpture, and printmaking. The creative process will be guided by instruction in design elements and principals.

Art 10 (Grade 10) (1 credit) Prerequisite: none

In the Art 10 course students experiment with different mediums, learn from artists throughout the ages, study art movements, apply art elements and design principles, and develop their own art making process. Students learn and practice a variety of art making processes in the areas of painting, drawing, print making, sculpture, and pottery. Art 10 is designed for students to learn in a hands-on studio environment. Students will complete sketchbook work as well as create five major art pieces, with one being of their own design.

Art 20 (Grade 11) (1 credit) Prerequisite: none

In Art 20 students further their knowledge and skills learned in Art 10. Students will complete 4 larger studio projects that have them work within themes set forth by the teacher. They will be challenged to combine different mediums in their work and create pottery that relates by style. Students will also collaborate to create larger scale murals or sculptures to beautify NBCHS and leave their mark for years to come.

Art 30 (Grade 12) (1 credit) Prerequisite: none

The theme of Art 30 is, “Think like an Artist.” Students use the knowledge and skills they have acquired in Art 10 and Art 20 to create their own art show. Art 30 students look to the fine art world and their own interests to create a theme for the artwork they will create during the semester. Students choose what they create and refine their skills through workshops, experimentation, and studio time. At the end of the semester students learn how to display their work and host an art show reception. As well, students learn about careers in the art field, how to promote their art and how to create an artistic community.

**DRAMA**

Drama 10, 20, 30 (1 credit each) Prerequisite: None

The drama curriculum is founded on the following student objectives:

1. increased understanding of others, themselves, and the world around them;

2. understand the processes and elements involved in creating works of dramatic art;

3. exercise critical thought when responding to dramatic presentations;

4. understand the role of drama in various cultures, past and present.

Drama 10 – Specific attention is given to general theatre skills; styles of script, mask and storytelling, origins of theatre.

Drama 20 – The focus is more on the actor; effective voice, developing character through performance of Elizabethan theatre.

Drama 30 – This course allows project work to develop specific skills of interest. Students will explore performance; technical theatre skills; directing styles and contemporary theatre concepts.

Students will use improvisation, movement, and voice and character. The study of plays from their own cultures as well as the cultures of others will enable them to see the influences of the past on the present. The courses provide detail and place greater expectations on the students as they work through the 10 - 30 levels

**MUSIC**

The music program is designed to permit a student with any amount of experience to participate. The ability to read music or play an instrument is helpful but not essential.

Students from any grade are permitted to register for Music or Band 10, 20, or 30. Students should have a minimum of 3 years’ experience on an instrument to register in Band 10. For Band 20 and 30 level Band Classes, the previous level class must be completed.

Music 10 GUITAR (Grades 10) (1 credit) Prerequisite: Approval of Administration

In Music 10, students will learn about the world of music and experience music through the study of Guitar (note reading, chords, tab), music theory, music history, composition, ear training, listening and research. Performance skills learned from the repertoire of solo pieces and studies, while technical development achieved through exercises that include chords, scales, rhythms, finger dexterity development and the students’ own compositions. There will also be opportunities to work with Garage Band.

Music 20, 30 GUITAR (Grades 11, 12) (1 credit each) Prerequisite: Approval of Administration

In Music 20 and 30 Guitar, students will build upon the skills learned in Music 10 Guitar. Performance skills learned from the repertoire of solo pieces, and studies, while technical development achieved through exercises that include chords, scales, rhythms, finger dexterity development and the students’ own compositions and song writing. There will also be opportunities to work with Garage Band.

Band 10, 20, 30 (Grades 10, 11, 12) (1 credit each) Prerequisite: A minimum of three years’ experience on an instrument or approval of director

This is a performance-based course consisting of studying and preparation of a variety of instrumental compositions. Time will also be spent studying music theory and music history. Some extra time is required for concert performance, rehearsals, and home practice. Performing at concerts and working on Band projects are an integral part of the course. Emphasis strongly placed on improving individual playing skills and musicality. Studying privately is strongly recommended.

**PRACTICAL AND APPLIED ARTS 10, 20, 30**

Information Processing 10 (Grade 10) (1 credit) Prerequisite: Grade 9 Computer Lit

Strongly recommended for ALL Grade 10 students. Computer applications using the Microsoft Windows System and Microsoft Office Tools will provide students with the basic skills to process many types of business and personal information. Touch keyboarding will be emphasized throughout the course, and familiarity with most commonly used computer software will be established. Instruction will be given in word processing, spreadsheets using Excel, internet research to produce a slide show, web page applications using HTML, and desktop publishing using digital cameras and the Gimp.

Information Processing 20 (Grade 11) (1 credit) Prerequisite: Information Processing 10

A continuation of Information Processing 10, it is recommended that students have knowledge of keyboarding and word processing basics.

This class gives the student more opportunities to understand and appreciate the capabilities and potential of software integration in personal, academic, and business applications. Keyboarding by touch is again emphasized, as research has indicated that using most computer applications is enhanced by rapid and confident keyboarding skills. Word processing is explored further and databases using access and integration skills are introduced. Internet applications are used to help students create their own travel brochure, using digital cameras, the Gimp and Microsoft Publisher.

Information Processing 30 (Grade 12) (1 credit) Prerequisite: Information Processing 20

This class will interest students who are exploring careers in computers, business, or journalism. It will further develop publishing, records management and communications. Microsoft Office 2000 for Windows, which includes Word, Excel, Access, Power Point, publisher and integration skills using the Internet is the focus. Further exposure to computer software and keyboarding will also benefit students who are considering post-secondary training of any kind.

Communication Media

The purpose of Communication Media 10, 20, 30 is to provide experiences for students to develop understanding, skills, and abilities in audio, video, and interactive media production. Students will develop fundamental concepts through the acquisition and improvement of technical skills including appropriate software, and equipment use, terminology, and teamwork. Understanding and using the three stages of production is emphasized as an important underlying skill at all levels. Additionally, students will identify career opportunities as well as skills, work habits, and training required to obtain and sustain work in communication media.

Communication Media 10 (Grade 10) (1 credit)

Students are introduced to the three production stages with an emphasis on pre-production. Audio, video and multimedia production skills are introduced. Students will participate in a self-chosen project.

Communication Media 20 (Grade 11) (1 credit) Prerequisite: Communication Media 10

Students further develop production and post-production skills. These skills are used in a moderate sized self-chosen project.

Communication Media 30 (Grade 12) (1 credit) Prerequisite: Communication Media 20

Students refine their production skills by working on one or more large projects. Students develop a portfolio suitable for use in their further career and/or academic endeavours.

Entrepreneurship 30 Prerequisite: None

Do you want to be your own boss? Plan to own your own company? Through a wide range of practical assignments and activities, students learn to identify, develop and apply entrepreneurial attributes and skills. The focus of this course is on the student as a potential entrepreneur and the fundamentals of an effective business plan. Explore the role of an entrepreneur and learn what it takes.

PRACTICAL AND APPLIED ARTS 9

PAA Foods – Students will learn the basics of food preparation and Canada Food Guide guidelines. Safety of cooking will be taught.

PAA Drafting – introduction to basic drafting and design techniques. Students will complete several computer assisted drafting projects.

PAA Woods – students will learn to use basic hand tools and several electric cutting/drilling machines to produce wood projects. Students will learn how to hand sand and sand wood with electric sanding machines to prepare their projects to finish.

Photography 9 – In grade 9 Practical and Applied Arts we cover a unit of work on Digital Photography. The focus of the course is to understand the exposure triangle of ISO, Aperture and Shutter Speed. Students will also learn how white balance affects photography and how to compose different types of pictures. By the end of the course students will have a portfolio of their best pictures and will be able to take better pictures.

**Tech/Voc**

Mechanics 10 (Grade 10 (1 credit) Prerequisite: none

First year Mechanics course is designed for those students who have an interest in automotive mechanics. Classroom instruction, including reading, assignments and written exams, is supported by some hands-on shop work. Emphasis at this level is placed on shop safety, proper tool usage, cleanliness and comprehensive vehicle maintenance. Other topics covered include small engines, tires and wheels.

Mechanics 20A (Grade 11) (1 credit) Prerequisite: Mechanics 10

Mechanics 20A course builds on the basics studied in Grade 10. The focus in Mechanics 20A is hands on shop work that is based in the areas of: Steering Systems, Brake Systems, and Suspension Systems. The students are encouraged to bring in their own vehicles and components for inspection and repair. Students are encouraged to develop good work habits in replacing and repairing components. Other topics covered include: Automotive Clutches and Wheel Alignments.

Mechanics 20B Online (1 credit) Prerequisite: Mechanics 20A

Mechanics 20B course is designed for those interested Heavy Duty and Agriculture Mechanics. This course uses an online textbook that focuses on Diesel engines. There is Work Study option in this course that allows students to use industry work or work on the farm as partial credit for this course.

Mechanics 30A (Grade 12) (1 credit) Prerequisite: Mechanics 20A

The Mechanics 30A course builds upon the student's knowledge from Mechanics 20. Steering and chassis, suspension, drivelines, transmissions, clutches, and computer controls are studied. An emphasis is placed on reading and using manuals.

Mechanics 30B online (1 credit) Prerequisite: Mechanics 30A

Mechanics 30B is designed for Skills Canada Competitors and students working in industry that are moving forward in apprenticeship. This course focuses on fuel injection and electrical diagnosis, which are extremely valuable skills in the industry. Industry work or Skills prep can be used as partial credit for this course.

Drafting 10 (Grade 10) (1 credit) Prerequisite: None

This course is an introduction to the field of drafting. AutoCAD and 3D Home Architect will be introduced to the student. The student will learn to use auto CAD (Computer Assisted Drafting) and will use the computer extensively throughout the course. Single view, orthographic projections and isometric drawings will be covered. Students will also be able to develop a design project of their choice.

Drafting 20 (Grade 11) (1 credit) Prerequisite: Drafting 10

This course is a continuation of Drafting 10. Students will work on pictorial and orthographic representation, scales, sections, auxiliary views, applied geometry, dimensioning, threaded fasteners, architectural drawing basics, both detail and assembly working drawings and design project. The student will use the computer extensively throughout the course.

Drafting 30 (Grade 12) (1 credit) Prerequisite: Drafting 20

This course involves developing perspectives, pattern development, architectural drawing, and a design project. Each student will develop a complete set of typical working drawings for a residence of their own design. Computer Assisted Drafting will be used at an advanced level.

Construction 10 (1 credit) Prerequisite: none

Students will complete a theory portion that involves general shop safety, safety related primarily to stationary equipment, wood fundamentals, finishing, fasteners, and adhesives. There are two mandatory projects that students will build. Both projects require students to use several stationary and portable power tools.

Construction 20 (1 credit) Prerequisite: Construction 10

Students will complete a theory portion that involves safety, portable power tools, stationary power tools, wood fundamentals, and career exploration.  There are two mandatory projects that students will build. Both projects require students to use several stationary and portable power tools.

Construction 30 (1 credit) Prerequisite: Construction 20

Students will complete a theory portion that involves concrete work, surveying, wood fundamentals, framing, roofing, and apprenticeship. The students will work together to build a storage shed. Students will then have an opportunity for an optional project, on approval by the teacher

Machining 10 (Grade 10) (1 credit) Prerequisite: none

Basic Machine Shop operations and lathe work.

Machining 20 (Grade 11) (1 credit) Prerequisite: Machining 10

Advanced lathe work and the basic use of the milling machine will be explored. A small working steam engine will be fabricated by each student, followed by several other projects.

Machining 30 (Grade 12) (1 credit) Prerequisite: Machining 20

Studies will include new methods and procedures involved in the use of surface grinder, metal saws, lathe, milling machine and heat treatment. New developments in machining will be covered including robotics and jet engine construction.

Welding

These courses will provide students with opportunities to acquire knowledge and develop skills used in the welding industry and to become familiar with career opportunities in the welding industry in Saskatchewan.

These courses follow curriculum from Sask. Learning and The Apprenticeship and Trade Certification Commission to enable students to challenge the Level I written exam if continuing on to take welding as a career at the 30A and 30B levels.

Welding 10 (Grade 10) (1 credit) Prerequisite: none

Welding 10 students are introduced to oxyacetylene, electric arc and metal inert gas (MIG) welding providing students with knowledge and skills in each of the three types of welding. This course consists of theory and practice including a variety of practical projects that allow students to develop practical skills.

Welding 20 (Grade 11) (1 credit) Prerequisite: Welding 10

Welding 20 provides students with intermediate knowledge and skills in oxyacetylene, electric arc and MIG welding. Various practical projects at the intermediate level are available for use in Welding 20, enabling students to enhance practical welding skills.

Welding A30 (Grade 12) (1 credit) Prerequisite: Welding 20

Welding A30 provides students the opportunity to develop advanced knowledge and skills in each of oxyacetylene, electric arc and MIG welding. A range of advanced practical projects enables students to enhance welding knowledge skills at the advanced level.

Welding B30 (Grade 12) (1 credit) Prerequisite: Welding A30

This course provides students with the opportunity to enhance the knowledge and perfect the skills developed in Welding 10, 20 and A 30. Welding B30 provides students an opportunity to select from a variety of practical projects and to explore independent learning opportunities to advance knowledge and skills further. B30 provides students with a greater opportunity for successful completion of the Level I Exam in the Welding trade. Students who are seriously considering post-secondary education or training in the Welding trade are encouraged to enrol in Welding B 30.

Commercial Cooking 10 (Grade 10) (1 credit) Prerequisite: none

This course is a basic introduction into the Food Service Industry. Sanitation, personal hygiene and safety are stressed. Basic theory and practical required for quantity food production for the cafeteria and catering facility. Final comprehensive exam - students spend up to 55% of the time in production.

Commercial Cooking 20 (Grade 11) (1 credit) Prerequisite: Commercial Cooking 10

This course gives a more detailed look at the industry and gives more specific practise in all areas of a commercial kitchen - both in quantity, short order production and services. New areas are explored as well as an in-depth study of previous material. At least 70% of their time is in production. Students are required to take the food Safe Handling Certificate as per the Health Region and must obtain 70% to pass the course.

Commercial Cooking 30 (Grade 12) (1 credit) Prerequisite: Commercial Cooking 20

The course enables the student to put into practice the techniques and theory previously covered. It prepares the student for employment or advanced training within the industry. Kitchen management as well as demonstration techniques are introduced. Students spend at least 80% of their time in the kitchen. Students can also challenge the Level I apprenticeship at the end of the course.

Cosmetology 10 (Grade 10) (1 credit) (100 hours) Prerequisite: none

This course is designed as the first step into looking and feeling your best. Knowledge of personal hygiene, haircare, shampoo and rinses, manicures, basic make-up application and facials will be an asset to any student.

Cosmetology 20 (Grade 11) (1 credit) (100 hours) Prerequisite: Cosmetology 10

This course provides an opportunity for students to discover advanced techniques in hair designing. Learning to improve the hair and skin with specialized treatments and products will enhance any student's image.

Cosmetology 30 (Grade 12) (2 credits) (200 hours) Prerequisite: Cosmetology 20

Students enrolled in this course are at the intermediate level of skill development. Cutting, perming, and colouring gel are performed with a special emphasis on personalized service.

Students enrolled in this course are at the intermediate level of skill development. Cutting, perming, colouring, gel/acrylic nails, waxing and aromatherapy are some of the skills performed. Students are given the opportunity to experience how a salon is run in a work related setting.

Accounting 10 (Grade 10) (1 credit) Prerequisite: none

Strongly recommended for all Grade 10 students. An introductory course in accounting emphasizing basic accounting principles. This course should enable the student to understand and apply principles related to double‑entry accounting procedures for service businesses and small retail businesses.

Accounting 20 (Grade 11) (1 credit) Prerequisite: Accounting 10

Through the use of a business simulation, the synoptic journal, 5-Journal system, bank reconciliations, petty cash, payroll , spreadsheets and Simply Accounting computer software. Accounting 20 provides an opportunity for more in-depth analysis of accounting concepts.

Accounting 30 (Grade 12) (1 credit) Prerequisite: Accounting 20

The emphasis in Accounting 30 is on specialized accounting concepts: a business simulation, adjustments, depreciation, bad debt expense, corporations, partnerships, income tax and cost accounting. Simply Accounting software will be utilized.

APPRENCTICESHIP CREDITS

To meet the credit requirements for graduation, students employed under the supervision of a journeyperson, in a trade in which the hours worked are eligible for apprenticeship credit, may earn up to four Secondary Level Apprenticeship credits on the basis of work proposed and completed by the student. The Apprenticeship credits shall be named Apprenticeship A20, B20, A30, and B30 and may be used to fulfil the requirements for graduation.

Granting of credit for approved apprenticeships recognizes student achievement in trades outside of the regular Secondary Level program. Only students who are registered in a secondary school in Saskatchewan and are working (employed) in a trade are eligible for Apprenticeship credits.

The apprenticeship need not be related to a specific school subject. Apprenticeship credits may be used to meet the Practical and Applied Arts/Arts Education credit requirement or as electives to meet the 24 credit requirements at the Secondary Level.

SPECIAL PROJECT CREDIT

Saskatchewan Education will recognize one Special Project Credit per student for out-of-school initiatives based on work prepared and completed by an individual student and approved by the school administration. Granting of credit for approved out-of-school initiatives recognizes student achievement in areas outside of the regular secondary level program. It encourages a student to become involved in the selection, planning and organization of their own program as long as the program fits within the school’s guidelines. This credit must be earned while the student is enrolled in a secondary school. Specific school guidelines may be picked up at the school offices. Students may receive up to 3 special project credits and use them towards their 24 required credits for graduation. These credits must be completed during Grade 10-12.

Driver Education 10 (non‑credit)

Driver Education will be available to all students at N.B.C.H.S. No fees will be charged. This SGI program requires 30 hours of in‑class instruction and 6 hours of in-car training. Students who are 15 years old will be accepted for registration in the class. They will not be granted a Class 5 driver's license before they are 16 years old. Students are reminded that they are required to drive with their Class 7 license for a minimum of nine months.

Students taking this course will be eligible for a Class 7 driver's license, which will allow them to drive with the instructor, parents or guardian while they are 15 years of age, and in regular attendance in the course. Absenteeism will be limited to three. After three absences, driving may be discontinued and the license will be invalidated.

ENTRANCE REQUIREMENTS FOR POST SECONDARY INSTITUTIONS

Please check www.saskpolytech.ca and explore.usask.ca for up to date information on each program.