

Information Package for Joe A. Ross School

Congratulations on reaching High School and welcome to the next challenge to be mastered. Your prior years of schooling have prepared you for High School; however, you will face many difficult decisions that may affect your success.

Hopefully this booklet will enable you to better prepare yourself for the next four (4) years of schooling. After completion of High School, you may choose to enter the field of higher education, (College/University), or head straight into the work force. Whatever your choice, make sure that the path you choose in High School suits the path you see in your future. Above all, keep all your options open.

Our advice is to *plan* your high school program carefully. Try to *choose* a course that suits your interests, abilities, skills and aptitudes. Next, *discuss* your choices with your parents/guardians, counselors, teachers and those who have been through the process and can help you make educated choices. *Never* fall into the trap of following your friends into classes; choose what is best for you.

Above all, have fun, go to class and make the High School experience memorable.

Senior High Timetable

All of the new Grade 9 students will be fully timetabled before the next school year. **This means no spares in any block.** Any Grade 10 – 12 student may have some unassigned time in their timetable. They can choose to; 1) Go to the library to study or do homework; 2) Get extra help from teachers; or 3) Leave the school. ***Above all, students are requested to remain out of the halls and foyers during their spares.***

Our timetable will remain the same for the 2009-2010 school year, with 4 blocks offered between Sept 8th, 09 and June 25th, 10. A credit is earned by successfully completing 110 hours of instruction in a specific subject.

Block

9:00 - 10:05	Semestered Class
10:10 - 12:30	Morning Block
Lunch	
1:30 - 3:45	Afternoon Block

To ensure that a credit is achieved, students must have regular attendance, and successfully complete various assessment strategies outlined by each individual teacher. Our schedule allows the students the possibility of attaining 10 High School credits in an academic year.

For the 2009-2010 school year, you will need a minimum of 30 credits to graduate from the Senior Years English Program.

For a complete listing and understanding of the courses available at Joe A. Ross School, and to further understand graduation requirements, keep reading and you will find it below.

Course Identification for Senior Years

Course Numbering

The present course numbering system comprises a 3-character, alpha-numeric code. The first and second characters are numerals, while the third is a letter.

First Character

- 1 - for courses developed for Grade 9
- 2 - for courses developed for Grade 10
- 3 - for courses developed for Grade 11
- 4 - for courses developed for Grade 12

Second Character

- 0 - developed by Manitoba Education, Citizenship and Youth for 1 credit
- 5 - developed by Manitoba Education, Citizenship and Youth for ½ credit
- 1 - developed by schools or school divisions and registered by Manitoba Education, Citizenship and Youth (includes SICs and SIPs)
- 2 - externally developed by an educational authority and, in the case of dual credit, a post-secondary institution (e.g., university, out-of-country).

Third Character

- G - General
- F - Foundation
- S - Specialized
- M - Modified
- I - Individualized
- C - College-based (*Some courses are available to us through UCN and the Norman Technical Vocational Consortium. Only applicable to Grades 11 and 12*)

Course Designations

Foundation (F): Educational experiences which are broadly based and appropriate for all students and which may lead to further studies beyond the Senior Years(e.g. apprenticeship, college, and university).

General (G): General educational experiences for all students. As system-wide use of new curricula is mandated, the G designation will be phased out. All School-Initiated Courses (SICs) and Student-Initiated Projects (SIPs) remain as G designation.

Specialized (S): Educational experiences in specialized areas leading to further studies beyond the Senior Years (e.g., apprenticeship, college, and university).

Modified (M): Educational experiences intended for students with significant cognitive disabilities and where the provincial subject area curriculum outcomes have been modified by 50 per cent or more to take into account the learning requirements of a student; an Individual Education Plan (IEP) is required for each student.

Individualized (I): Educational experiences intended for students with significant cognitive disabilities and that are developmentally and age appropriate and highly individualized to take into account the learning requirements of the student; an Individual Education Plan (IEP) is required for each student.

College-based (C): Educational experiences at the college level that can be used for dual credits; credit at the Grade 11 and Grade 12 levels and also for the first year of college.

University-based (U): Educational experiences at the first year university level that can be used for dual credits (credit at the Grade 12 level, and, in some cases, Grade 11) for high school graduation purposes and also for first year university.

Additional Ways to Achieve a Credit

CHALLENGE FOR CREDIT

The Challenge for Credit Option offers students the opportunity to apply prior knowledge in a particular subject area by demonstrating achievement in the learning outcomes of that course/ specialty and receiving credit for it. The challenge courses that we offer are the CRE 21/31/41G.

Senior years students may take college and university courses for Senior Years graduation credits, for example, Introduction to Psychology (university course) and Safety in the Workplace (college course). The student receives a high school credit as well as a university/college credit. Students can earn a maximum of five (5) dual credits. The decision to participate is a school, or school division decision and funding is also a local matter.

DISTANCE LEARNING COURSES

Students may take compulsory or optional courses in either print or online format including courses delivered from outside the province.

SCHOOL-INITIATED COURSES (SICs) AND STUDENT-INITIATED PROJECTS (SIPs)

School-Initiated Courses (SICs) and Student-Initiated Projects (SIPs).

POST-SECONDARY CREDITS AND SENIOR YEARS DUAL CREDITS

Provincial Requirements for Graduation

FACT SHEET

GRADUATION REQUIREMENTS FOR THE SENIOR YEARS ENGLISH PROGRAM

CREDITS	2007-08	2008-09	2009-10 AND BEYOND
Minimum Requirement	28	29	30
Compulsory	15	16	17
Optional	13	13	13

Compulsory Credits		Optional Credits
GRADE 9	CREDITS	13 credits from subject areas such as:
Language Arts (English)	1	• Language Arts (additional courses for credit)
Mathematics	1	• Mathematics (additional courses for credit)
Social Studies	1	• Social Studies (additional courses for credit)
Science	1	• Science** (additional courses for credit)
Physical Education/Health Education	1	• Basic French
TOTAL	5	• Other Languages
GRADE 10	CREDITS	• The Arts: Visual arts, Music, Drama, Dance
Language Arts (English)	1	• Career Development
Mathematics	1	• Technology Education: Technical vocational education, Human ecology, Business and marketing education, Industrial arts/technology education
Social Studies	1	• Others as initiated by the school or student including post-secondary credits (dual credits), Cultural Exploration SIP or Community Service SIP
Science	1	School-initiated courses (SICs) and student-initiated projects (SIPs) may be used to fulfill the graduation requirements within the optional credits to a maximum of 11 and 3, respectively.
Physical Education/Health Education	1	Within the optional subject areas, students must complete one Grade 11 credit and two Grade 12 credits.
TOTAL	5	
GRADE 11	CREDITS	
Language Arts (English)	1	
Mathematics	1	
Social Studies	1	
Physical Education/Health Education	1*	
TOTAL	4	
GRADE 12	CREDITS	
Language Arts (English)	1	
Mathematics	1	
Physical Education/Health Education	1*	
TOTAL	3	

* in 2008-09 and subsequent years.

** At Grades 11 and 12, a variety of optional science courses are available: discipline-based (biology, chemistry and physics), and interdisciplinary or integrated optional science courses.

Joe A Ross



K-12 School - Opaskwayak Cree Nation - Manitoba, Canada

Joe A. Ross Course Listings for 2009-2010

Grade 9

Strategic Reading, Writing and Learning

English 10F

Woodwork Technology 10G

Transitional Mathematics 10F

Mathematics 10F

Science 10F

Native History 11G

Cree 11G

Native Crafts 11G

Social Studies 10F

Physical Education/Health Education 10F

Life/Work Exploration 10S

Foods and Nutrition 10G

Applying Information and Communication Technology 15F I

Applying Information and Communication Technology 15F II

SWL 11G

ENG 10F

WOO 10G

TMA 10F

MAT10F

SCI 10F

NAH 11G

CRE 11G

NAC 11G

SOS 10F

PHE 10F

LWOR 10S

FOO 10G

ICT I 15F

ICT II 15F

Grade 10

Retailing 20S

Computer Science: Java 20S

English 20F

Woodwork Technology 20G

Essential Mathematics 20S

Intro to Applied and Pre-Calculus Mathematics 20S

Science 20F

Digital Filmmaking 25S

Digital Pictures 25S

Cree 21G: Challenge Exam

Foods and Nutrition 20G

Skills for Independent Living 20G

History: American 20G

Geographic Issues of the 21st Century 20F

Physical Education/Health Education 20F

Life/Work Planning 20S

Print Communications 25S

RET 20S

CSC 20S

ENG 20F

WOO 20G

CMA 20S

IAP 20S

SCI 20F

DFM 25S

DGP 25S

CRE 21G

FOO 21G

SIL 20G

HOA 20G

GEO 20F

PHE 20F

LWP 20S

PRC 25S

Drivers Education *Non Credit Course

Grade 11

Web Design 35S

Interactive Websites 35S

Data Collection and Analysis 35S

Relational Databases 35S

English: Comprehensive Focus 30S

Essential Mathematics 30S

Applied Mathematics 30S

Pre-Calculus Mathematics 30S

Current Topics in Science 30S

Biology 30S/30G

Chemistry 30S

English: Transactional Focus (Journalism) 30S

Interactive Media 35G

Desktop Publishing 35G

Cree 31G: Challenge Exam

Native Studies: OCN History 31G

Outdoor Education 31G

History: Canadian 30S/30G

Physical Education: Active Healthy Lifestyles 30F

WBD 35S

WEB 35S

DCA 35S

RDB 35S

ENG 30S

CMA 30S

APM 30S

PCL 30S

CTS 30S

BIO 30S/30G

CHE 30S

TRA 30S

ITM 35G

DTP 35S

CRE 31G

NAS 31G

OUE 31G

HIS 30S/30G

PHE 30F

Grade 12

Law 40S

English: Comprehensive Focus 40S

English: Transactional Focus 40S

Essential Mathematics 40S

Applied Mathematics 40S

Pre-Calculus Mathematics 40S

Biology 40S

Chemistry 40S

Cree 41G: Challenge Exam

Aboriginal Law 41G

Outdoor Education 41G

Social Studies: World Issues 40S

History: Western Civilization 40S/40G

Physical Education: Active Healthy Lifestyles 40F

Current Topics in First Nations, Metis and Inuit Studies 40S

LAW 40S

ENG 40S

TRA 40S

CMA 40S

APM 40S

PCL 40S

BIO 40S

CHE 40S

CRE 41G

ALW 41G

OUE 41G

WOI 40S

HIS 40S/40G

PHE 40F

FNM 40S



Bold indicates a Mandatory Course, *italics* indicates a choice in mandatory requirements.

Joe A. Ross Course Descriptions

Grade 9

Strategic Reading, Writing and Learning (SWL 11G)

The Strategic Reading, Writing and Learning course is designed for transitioning students who have not fully developed strategic learning and literacy skills upon entry to Grade 9. Essentially this course will provide direct instruction in developing individuals' learning modalities and literacy strengths in applying cross-curricular reading, writing and learning skills to informational text in Senior Years.

Applying Information and Communication Technology I & II (ICT I & II 15F)

The purpose of the course is to reinforce and extend the ICT knowledge, attitudes, and skills acquired by students in the Early and Middle Years. The course will further prepare students to use ICT to learn and demonstrate their learning in all Senior Years courses.

English: Comprehensive (ENG 10F)

The study of ELA 10F enables the student to understand and appreciate language, and to use it confidently and competently in a variety of situations for communication, personal satisfaction, and learning.

Introduction to Woodworking Technology (WOO 10G)

Through activities and projects students will extend their knowledge and skills in the use of the table saw, the lathe, the panel saw, portable electric tools and the router. Other large power tools will be introduced. Specific topics include do well jig use, laminating and finishing. Student's knowledge of woodwork materials and process will be furthered through lectures, demonstrations, and practical and written assignments. This course may be used for a vocational credit.

Transitional Math (TMA 10F)

The Transitional Math program is a foundation course that is intended to prepare and guide students for Math 10F. The student goals of this course are for the students are exposed to varied interrelated experiences that encourage them to understand and appreciate the role of mathematics in today's world.

Mathematics: Foundations (MAT 10F)

The New Grade 9 Math course is a general course which contains many topics that focus on the use of mathematical, technological and communication skills and procedures already learned in order to solve problems related to real life situations. Topics include Number Sense, Patterns and Relations (variables and equations), Shape and Space (measurement and transformation), and Statistics and Probability (data analysis, chance and uncertainty).

Science (SCI 10F)

Course Content: This provincial course includes the following topics: Reproduction, Atoms and Elements, Nature of Electricity, Exploring the Universe. The objectives are to enable students to use the skills of science, to increase knowledge of basic concepts, to develop interest in science and to instill safe laboratory practices.

Native History (NAH 11G)

Students will gain an understanding of the Aboriginal perspectives in Manitoba. Areas of studies focus on the perspectives/accomplishments of Aboriginal peoples. History of Opaskwayak Cree Nation is also studied.

Cree (CRE 11G)

This course provides oral Cree as well as the writing System Roman Orthography, and Syllabic Writing. Weather words, seasons and months are studied which relates to the culture of the Swampy Cree people.

Native Crafts (NAC 11G)

This course takes a look at aspects of native crafts, the symbolism, and roles that they play apart in the lives of native people.

Canada in the Contemporary World (SOS 10F)

Students explore Canada's contemporary opportunities and challenges by examining Canadian demographics and political organization; diverse perspectives related to Canadian political issues; Aboriginal self-government; francophone presence and influence; pluralism; media and popular culture; and the impact of the United States on Canadian culture.

Physical Education/Health Education (PHE 10F)

This course teaches the concepts and skills for active healthy lifestyles and includes a physical activity component. Students plan and record their participation in physical activities of their choice. This course gives students the opportunity to learn more about themselves and enables them to make more informed decisions about a healthy active living throughout their lives.

Life/Work Exploration (LWOR 10S)

The Grade 9 curriculum provides students with an overview of career development outcomes with emphasis on building a positive self-esteem, exploring self-assessment, locating work information, and selecting high school courses.

Foods and Nutrition (FOO 10G)

This course will give students an opportunity to learn traditional food preparation and cooking skills. In developing basic skills, the students' knowledge of food, its preparation and various cooking techniques will give them a sense of cultural appreciations. Students will learn how availability of traditional food changes through the seasons.

Grade 10

Print Communications (PRC 25S)

No Prerequisite

The purpose of the course is to provide students with the skills and knowledge to plan and create documents for personal and business communications.

Retailing (RET 20S)

Retailing is a practical, hands-on course, with both in-class and on-the-job components. By taking this course, the student will gain experience and general knowledge of the Retailing business hands-on. In-class focus will be on Career Development, Serving the Consumer, Selling, Operations and Management (learning how to use a cash register), Advertising (creating a display) and Sales promotions. Students will understand the general operations of a retail store and some possible career choices in the retailing field.

Digital Filmmaking (DFM 25S)

The purpose of the course is to provide students with the skills and knowledge to tell stories by combining sound, still images, moving images, text, graphics, and animation into a video product. Students will plan, develop, and produce a video project.

Digital Pictures (DGP 25S)

The purpose of this course is to provide students with the skills and knowledge to convey a message through an original digital image.

Computer Science: Java (CSC 20S)

Computer Science courses are designed for students who may be interested in pursuing studies in science, engineering, or computer programming at college or university.

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English: Comprehensive (ENG 20F)
Prerequisite: (ENG 10F)

The primary focus of English 20F is to enable students to understand and appreciate language, and to use it confidently and competently in a variety of situations for communication, personal satisfaction, and learning. This course develops the skills of reading, writing, listening, speaking, viewing and representing. Students will read a variety of literature and react to them orally and in writing. In doing so students will gain inquiry and presentation skills, and learn to plan and work in collaboration with others. This course will focus upon writing skills and managing their information using different forms of writing.

Woodworking (WOO 20G)
Prerequisite: WOO 10G

A project oriented course. Students will be able to expand their knowledge of woods hand and power tool operations as well as proper planning procedures and industrial processes while building something useful for themselves or others.

Essential Math (CMA 20S)
Prerequisite: MAT 10F

The Grade 10 Essential Mathematics is a new course designed to replace the Consumer Math 20S. The new course contains many topics which focus on the use of mathematical, technological and communication skills and procedures already learned in order to solve problems related to real life situations. Topics include Measurement, Geometry, Number Sense (including personal finance) and Algebra (including trigonometry).

Introduction to Applied and Pre-Calculus Mathematics (IAP 20S)
Pre-requisite: MAT 10F

The Introduction to Applied and Pre-Calculus Mathematics is a new general course designed to replace both the Applied Math 20S and the Pre-calculus Math 20S courses. The new course contains many topics which focus on the use of mathematical, technological and communication skills and procedures already learned in order to solve problems related to real life situations. Spreadsheets and other Computer technology will be used. Topics include Measurement (including geometry and trigonometry), Algebra and Numbers (rational and irrational numbers, radicals and polynomials), and Relations and Functions (graphing equations including linear and non-linear)

Science (SCI 20F)
Prerequisite: SCI 10F

Grade 10 Science is designed to continue students' development of a broad-based set of experiences across many science disciplines, including preparation for more specialized science courses in Grade 11 and 12. It is structured into four clusters; Ecosystem Dynamics; Chemistry in Action; In Motion; and Weather Dynamics.

Cree Language (CRE 21G): Challenge Exam

Students are introduced to the Cree Writing System and are expected to use it in their daily routine conversation of greeting, days of the week, months and weather words. At this level, students are introduced to the phonology of Cree so they can learn the grammatical structure of the language and apply them to the speaking and reading. The structure of vocabulary of the community is taught.

Foods and Nutrition (FOO 20G)

The course is designed to continue to immerse the students in traditional methods used to prepare both indigenous and mainstream Canadian Foods.

Skills for Independent Living (SIL 20S)

This interactive course emphasizes the knowledge, skills, and behaviour essential to a productive future in a changing world. Key topics include communication skills, enterprise skills, self-exploration, decision making, goal setting, and consumerism. Learning skills and study activities are ongoing elements in each of the four modules.

The course consists of topics related to; Self-management; Enterprise and innovation; Managing resources; the world of work.

American History (HOA 20G)**Prerequisite: SOS 10F**

This is a survey course of American History from 1500– present. It begins with a brief history of Aboriginal peoples before the arrival of Europeans, and it ends with a survey of important social changes in the United States from 1960 to today. The overall aim of the course is to acquaint students with some of the most important events and developments in American History, and how those events have affected Americans, and in some cases, how those events have affected Canadians and others

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Geographic Issues of the 21st Century (GEO 20F)**Prerequisite: SOS 10G**

Geographic Issues of the 21st Century focuses on geographic issues of the contemporary world. Students explore the nature of geography and develop skills related to geographical thinking. They study concepts related to ownership and development of natural resources, production and distribution of food, development of industry and trade, and increasing urbanization. Students consider these issues in the context of Canada, North America and the world.

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Physical Education/Health Education (PHE 20F)**Prerequisite: PHE 10F**

The intent of the curriculum is to help Senior Years students develop the necessary skills for lifelong physical activity participation and to prevent or avoid the health issues that affect youth, such as unhealthy dietary behaviours and behaviours that cause intentional and unintentional injury.

Life/Work Planning (LWP 20S)

The Grade 10 curriculum places a greater emphasis on student outcomes related to communication skills, work information, work trends, self assessment, matching personal skills to occupations, stereotyping and discrimination in the workplace, and work-search tools.

Drivers Education *Non Credit Course

The student must 15 years, 6 months of age before the beginning of the course to be part of the in-car program. While in class, the students will receive instruction on driving theory (with regards to attitudes), driving techniques, road hazards, etc. Cost of taking the course is \$50.00. Birth certificates are a must as well.

Grade 11

Interactive Media (ITM 35G)

The purpose of the course is to provide students with the skills and knowledge to create interactive media products that combine video, audio, and interactive components. Prior to taking the course, students should have skills in creating audio and video and an understanding of the media production process. Students will plan, develop, and publish interactive media.

Desktop Publishing (DTP 35S)

The purpose of the course is to provide students with the skills and knowledge to plan and create a variety of published print documents.

Web Design (WBD 35S)**No Prerequisite**

This course is designed to provide students with the fundamental skills needed to design a website and produce materials for a website. The focus will be on students being able to create their own website, but also to become involved in posting information on the school website.

Relational Databases (RDB 35S)

The purpose of the course is to provide students with the skills and knowledge to plan, create, and use a relational database built in a Database Management System (DBMS).

Interactive Websites (WEB 35S)**Prerequisite:** WBD 35S or permission from the instructor

This course is designed to provide students with the opportunity to refine skills needed to design and maintain a website. Students will be required to create an interactive website using the skills acquired in the previous course. Students will also be involved in the maintenance of the school website.

Data Collection and Analysis (DCA 35S)

The purpose of the course is to provide students with the skills and knowledge to collect, organize, manipulate and analyze data to solve problems using spreadsheets.

English: Comprehensive Focus (ENG 30S)**Prerequisite:** ENG 20F

Emphasis is placed on the expressive, the creative, and the aesthetic uses of language. Students in the Comprehensive focus achieve an approximate balance between language used for artistic and for practical purposes. This course offers an overview of Literature, Drama, Journalism and Writing. The course will be structured to address both the practical and artistic sides of communication by: viewing short text, writing, conducting novel studies, examining poetry, doing oral presentations, and strengthening their writing fundamentals

English: Transactional Focus (TRA 30S)

The Transactional Focus emphasizes the pragmatic uses of language: language that informs, directs, persuades, plans, analyzes, argues, and explains. In attaining the learning outcomes of the Transactional Focus, students engage with and compose texts primarily for pragmatic purposes: to gain information or discern another point of view, to compare and weigh ideas, and to conduct daily transactions. The Transactional Focus addresses a variety of informal and formal discourse, ranging from notes, telephone calls, and oral discussions to reports, feature articles, formal presentations, business letters, and documentaries.

Essential Math (CMA 30S)**Prerequisite:** MAT 10F and suggested CMA 20S

This course is designed to provide students with the fundamental mathematical skills needed to understand numbers involved in everyday life and business. This section focuses on Income and Debt, Data Analysis and Interpretation, Owning and Operating a Vehicle, Personal Income Tax, and Applications of Probability.

Applied Math (APM 30S)**Prerequisite:** IAP 20S

The Applied Math 30S course contains many topics which focus on the use of mathematical, technological and communication skills and procedures already learned in order to solve problems related to real life situations. Spreadsheets and other Computer technology will be used. Topics include Graphing Equations, Linear Programming, Geometry, Nonlinear Functions, Precision Measurement and Personal Finance.

Pre-Calculus Math (PCL 30S)**Prerequisite:** IAP 20S

The Pre-calculus Math 20S course contains many topics which focus on the use of mathematical, technological and communication skills and procedures already learned in order to solve problems related to theoretical situations. Topics include Relations and Functions, Trigonometry, Analytical Geometry, Logic/Proof, and Algebra.

Current Topics in Science (CTS 30S)**Prerequisites:** SCI 20F

This course seeks to address current issues, topics, themes, points of view, and innovations in science through an integration of the relevant science disciplines in a way that is natural, engaging, and accessible for students. The topics selected must fulfill the 4 major Learning Outcomes for the course, which are: Nature of Science and Technology; Science, Technology, Society and the Environment; Scientific and Technological Skills and Attitudes; and Essential Concepts.

Biology (BIO 30S/30G)**Prerequisites: SCI 20F**

Wellness is a major theme in the Biology 30S course. The intent is to have students learn more about their medical histories (e.g. medical chart), and how their body works; to collect data on how their body is performing (e.g. heart rates); to analyze how well they are taking care of themselves (e.g. checklist) and to make decisions about their own lifestyle to promote their wellness (e.g. life goals).

Physics (PHY 30S)**Prerequisites: SCI 20F and recommend IAP 20S**

Many people associate physics with mathematics together. Although this is true to a point, physics is much more than that. This course will consider the following topics; 1) An introduction to Physics; 2) Mechanics; 3) Fields; and 4) Waves. Since this course can be mathematical at times, it is advised that either Pre-Calculus or Applied Math 20S be completed prior to enrolling in Physics.

Chemistry (CHE 30S)**Prerequisites: SCI 20F and recommend IAP 20S**

Grade 11 Chemistry, as a component of young people's whole educational experience, will assist in preparing them for a full and satisfying life. This curriculum will sustain and develop the curiosity of young people about the natural world around them, and build their confidence in their ability to inquire into its behaviour, now and in the future. This course will consider the following topics; 1) Physical Properties of Matter; 2) Gases and the Atmosphere; 3) Chemical Reactions; 4) Solutions; and 5) Organic Chemistry.

Cree Language (CRE 31G): Challenge Exam**Prerequisite: CRE 21G or permission from the instructor.**

As a continuation of CRE 21G, the same emphasis will be placed on the four language skills (listening, reading, writing, and speaking). Students should be able to apply the learning strategies from CRE 21G and apply them to their daily assignments.

Native Studies: OCN History (NAS 31G)

The grade 11 Native Studies course is to enable students to become interested and learn about their community. History about their community and their native culture will be addressed in the course. The various techniques in acquiring information about history will be looked at and discussed. Students will be involved in doing research projects during the course and the focus will be on their native community.

Outdoor Education (OUE 31G/41G)

The Outdoor Education course is intended to introduce students to a broad range of skills to survive in the northern outdoors, as well as traditional customs and skills that first nations people (specifically OCN elders) used to maintain a healthy and prosperous lifestyle with the land. Students will have the opportunity to acquire wilderness first aid, firearm training, hunter safety and ethics training, land navigation, survival, canoe safety certification as well as leadership development, all in the setting that is in keeping with our traditional knowledge keepers.

Canadian History (HIS 30S/30G)**Prerequisite: GEO 20S**

This course is called *Our Canada: A Social and Political History*. The intent of the course is to examine the historical development of Canada. Students explore a variety of issues, including challenges faced by Aboriginal peoples, cultural diversity and immigration, English-French relations, and regionalism. Students also examine the evolution of government in Canada from the British parliamentary model to the contemporary party system, as well as their roles, responsibilities, and rights as Canadian citizens.

Active Healthy Lifestyles: Sport Academy (PHE 30F)**Prerequisite: PHE 20F**

This compulsory full-credit course is designed to help youth take greater ownership of their own physical fitness, to encourage them to seek out activities that interest them, and to engage in active lifestyles into their futures. Students

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will study topics related to fitness management, mental health, substance use and abuse prevention, and the social impact of sport. The focus of this content will be on health and personal planning. These topics will make up the core 25% IN-class component of the course content. *An additional 25% IN-class component of the course will be activity-based, devoted to exploring specific game strategies, theories of coaching, historical perspectives, training techniques, et cetera, in one of the following sports:*

- *Volleyball Academy*
- *Hockey Academy*
- *Dance Academy*
- *Other*

For the remaining 50% of the course, students will be required to develop and implement, on their own time, a personal physical activity plan as part of a physical activity practicum. Students will be introduced to safety and risk management planning to minimize the associated risks of the activities they have chosen.

As part of earning a credit for this course, students will be required to submit a personal fitness portfolio containing elements such as a fitness plan, physical activity log, or journal entries. Students will be graded for completion of the course with a Complete or Incomplete designation.

NOTE: Parents/guardians will be required to review the student's physical activity plan and sign a **Parent Declaration and Consent Form** acknowledging their approval of the chosen activities and acceptance of the responsibility for risk management, safety, and supervision. Parents/guardians will also be required to verify the entries of the student's physical activity log through a sign-off procedure.

Grade 12

Law (LAW 40S)

The primary purpose of LAW 40S is to acquire knowledge and understanding of Canadian law as it exists and functions in society. It will also examine the dynamics of law, including legal procedures and language. LAW 40S will also broaden your understanding, appreciation, and respect for law as it exists in our community and nations.

English: Comprehensive Focus (ENG 40S)

Prerequisite: ENG 30S

This course is designed to provide students with the opportunity to master the writing process. Emphasis will be on the correct use of each of the writing forms at a higher level from grade 11. This includes focus on diction, tone and style. There will be a provincial exam at the end of the course which students must write. This course will also provide opportunities for vocabulary enrichment, media studies, literary analysis, critical thinking skills, creative writing, research, etc. Evaluation includes a provincial examination.

English: Transactional Focus (TRA 40S)

Prerequisite: ENG 30S

This is an advanced, optional credit, intended for those who wish to pursue a post-secondary education. The course encourages exploration of the transactional forms of communication that enable society to function as an organized unit. Students will be expected to study diverse material and to acquire new insights into techniques they could employ in their own writings. The focus, whenever possible, is on functional and practical, rather than theoretical.

Essential Math (CMA 40S)

Prerequisite: MAT 10F or permission from instructor

This course is designed to provide students with the fundamental mathematical skills needed to understand numbers involved in everyday life and business. This section focuses on Personal Finances, Government Finances, Statistics, Investments, Income Tax, and Completing a Portfolio. Evaluation includes a provincial examination.

Applied Math (APM 40S)

Prerequisite: APM 30S

The Applied Math 40S course students will master mathematical, technological and communication skills and procedures that have become important in post secondary institutions, technology based industries and real life

situations. Topics include Matrices, Vectors, Design and Measurement, Sequences, and Probability. Evaluation includes a provincial examination.

Pre-Calculus Math (PCL 40S)

Prerequisite: PCL 30S

The Pre-calculus Math 20S course contains many topics which focus on the use of mathematical, technological and communication skills and procedures to become prepared for post-secondary mathematics. Topics include Transformations, Exponential and Logarithmic Functions, Circular Functions, Probability, Permutations and Combinations. Evaluation includes a provincial examination.

Biology (BIO 40S/40G)

Prerequisites: BIO 30S/30G, or permission by the instructor.

The general objectives of this course are similar to those explained in BIO 30S. The core topics are bioenergetics, the principles of human heredity, gene action, and issues in human genetics, anatomy of angiosperm, comparative anatomy of plants and animals with an emphasis on the origin of variation. Optional topics may include medical care and health issues, environmental issues, anthropology, microbiology, plants and agriculture or parasitology.

Physics (PHY 40S)

Prerequisites: PHY 30S and recommend PCL 30S or APM 30S

This course is designed so that the students who went through the Physics 30S course can gain a deeper insight into the relationships surrounding us. The 40 Course itself contains the same first three units as did the PHY 30S course and a new unit entitled Introduction to Modern Physics. You may ask yourself, why are we studying the same units as before? The answer comes from the fact that the 30S course dealt primarily with linear relationships while the 40S course looks at power and inverse relationships. As a result of the change in directions, PCL and APM are recommended to be completed prior to commencement of PHY 40S.

Chemistry (CHE 40S)

Prerequisites: CHE 30S and recommend PCL 30S or APM 30S

This course is designed to compliment the Chemistry 30S course and give you the insight as to what to expect for further Chemistry courses in Post-Secondary studies. Topics include; 1) Aqueous Solutions; 2) Atomic Structure; 3) Kinetics; 4) Chemical Equilibrium; 5) Acids and Bases; and 6) Electrochemistry.

Cree Language (CRE 41G): Challenge Exam

Prerequisite: CRE 31G or permission from the instructor

Continuation of Cree 31G with the same emphasis of the four language skills (listening, speaking, reading and writing). At this level, students should be able to listen to stories, poems, etc., and understand the meaning behind them. Students should be able to converse on any topic using the learning strategies of the previous courses. Students should be confident to read and write the stories at this level using all the learning strategies.

Aboriginal Law (ALW 41G)

Students will examine some of the origins and processes of Aboriginal Law from an aboriginal perspective. Students will review and apply a First Nations or Métis worldview to understand the impact of the Canadian legal system on Aboriginal lives. The field of Aboriginal law within the Canadian legal system will be explored in detail.

World Issues (WOI 40S)

Prerequisite: HIS 30S/30G

The intent of Grade 12 World Issues is for students to develop an understanding of global issues since 1900 and to analyze the impact of these issues on the quality of life in a variety of different political, social, and economic systems throughout the world today. Students study a variety of topics including: the role of the media; statistics used to measure quality of life; issues specific to life in India or China, Russia, and the Middle East; terrorism; colonialism; Cold War; and the role of international organizations.

Western Civilization (HIS 40S)

Prerequisite: HIS 30S/30G

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The Grade 12 Western Civilization course is designed to help students understand that Canadian society and other Western societies evolved and were shaped by complex movements and events. The course is organized around the following six major concepts: religion, ideology, humanism, individualism, secularism, and skepticism.

The Grade 12 Western Civilization course includes six units:

1. An Introduction to Western Civilization
2. Pre-Modern Western Civilization
3. The Renaissance, the Reformation, and Absolutism vs. Representative Government
4. The Age of Reason, and the Political, Agricultural, and Industrial Revolutions
5. Major Movements and Events of the Nineteenth Century (1815 to 1919)
6. The Twentieth Century

Active Healthy Lifestyles (PHE 40F)

Prerequisite: PHE 30F

The combined physical education/health education curriculum develops the knowledge, skills, and attitudes for maintaining physically active and health lifestyles. The curriculum focuses on making healthy decisions related to physical activity participation, healthy eating, substance use, sexual reproductive health, and injury prevention. It encourages schools to involve parents in planning for implementation of content that might be sensitive in some communities.

Current Topics in First Nations, Métis and Inuit Studies (FNM 40S)

This course provides the opportunity for Aboriginal and Non-aboriginal students to enhance their understanding and appreciation of the cultures and traditions of indigenous peoples in Manitoba, Canada and the World. This is achieved by investigating the history and interactions with non-indigenous people.

Vocational Credits through University College of the North

To register for this program, you should have completed the core requirements of Grade 9 and Grade 10 and be at least 16 years of age. Students are expected to sign up for the full year. All programs have limited enrollment.

The three programs that are offered are:

Power Mechanics
Food Services
Building Construction



For more information on either one of these programs, please contact the Vice-Principal

Vocational Credits through Norman Technical Vocational Consortium

In conjunction with Kelsey School Division, Frontier School Division, Flin Flon School Division and University College of the North, we offer three distinct programs; Industrial Welding (Situated in The Pas); Heavy Duty Mechanics (Situated in Flin Flon); and Building Construction/Carpentry (Situated in Cranberry Portage). In these programs, students will learn practical and technological aspects of each trade. Interested students should expect to travel/or stay in Cranberry or Flin Flon for up to 5 weeks per semester. This program is set up so that the students can gain hours and instruction in their chosen trade as the courses are dual credit (High School and UCN).

Independent Study Courses

As was stated in the beginning, there is another way to achieve high school credits through Independent Study Courses. Students may be allowed to take a course only if:

1. The course is not offered by the school.
2. The course cannot be scheduled in to the student's timetable through no fault of the student.
3. The student has satisfactory progress in the subject and has satisfactory attendance.
4. The school counselor recommends and the principal grants approval.

Students who are unable to attend school for medical or other approved reasons may be granted status as Independent Study students. In such cases, arrangements for independent study would be determined to accommodate the students' needs.

InForm Net is also available for students who have timetable conflicts or who wish to study at home give the guidelines outlined above.

Future Planning

CHECKLIST

GRADUATION REQUIREMENTS FOR THE SENIOR YEARS ENGLISH PROGRAM

In 2009-10, 30 credits entitle students to a provincial high school diploma.

Note: Put a check mark beside compulsory and optional credits listed below as credit is achieved.

COMPULSORY CREDITS					GRADUATING 2007-08	GRADUATING 2008-09	GRADUATING 2009-10 AND BEYOND
Subject Area	GRADE 9	GRADE 10	GRADE 11	GRADE 12			
Language Arts						4	
Mathematics	<input checked="" type="checkbox"/> check off as credit is achieved					4	
Social Studies						3	
Science						2	
Physical Education/Health Education					2	3	4
COMPULSORY CREDITS SUB-TOTAL:					15	16	17
OPTIONAL CREDITS					GRADUATING 2007-08	GRADUATING 2008-09	GRADUATING 2009-10 AND BEYOND
List courses:	GRADE 9	GRADE 10	GRADE 11*	GRADE 12*			
1.							
2.							
3.	<input checked="" type="checkbox"/> check off as credit is achieved						
4.							
5.							
6.							
7.							
8.							
9.							
10.							
11.							
12.							
13.							
OPTIONAL CREDITS SUB-TOTAL:						9	
TOTAL PROVINCIAL GRADUATION REQUIREMENTS:					28	29	30

*At least one optional credit must be at the Grade 11 level and two optional credits at the Grade 12 level.

Students should ensure they meet the entrance requirements of the post-secondary education and training, apprenticeship or private vocational opportunity they intend to pursue.