

Grade 10 Course Descriptions

English 20F

Essential Mathematics 20S

Intro to Applied and Pre-Calculus Mathematics 20S

Science 20F

Geographic Issues of the 21st Century 20F

Physical Education/Health Education 20F

History: American 20G

Life/Work Planning 20S

Print Communications 25S

Digital Filmmaking 25S

Digital Pictures 25S

Art 20G

Retailing (RET 20G)

Woodwork Technology 20G

Cree 21G: Challenge Exam

Foods and Nutrition 20G

Local First Nations History 21G

Drivers Education *Non Credit Course

ENG 20F

ESS 20S

IAP 20S

SCI 20F

GEO 20F

PHE 20F

HOA 20G

LWP 20S

PRC 25S

DFM 25S

DGP 25S

ART 20G

RET 20G

WOO 20G

CRE 21G

FOO 21G

FNL 21G

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.

Essential Math (ESS 20S)**Prerequisite: MAT 10F**

This course develops math skills, ideas, and confidence that will enable students to continue studying math in the future. Students will use many of the skills that they already have learned to solve problems and do basic arithmetic operations. There are four main areas that will be explored in this course: personal finance, shapes and space, numbers and decision making. Problem solving, communication, reasoning, and mental math are some of the themes you will discover.

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**

This course is designed to develop students' scientific literacy through inquiry-based activities that aim to strengthen and encourage critical thinking, problem solving, and analytical skills/abilities. The Grade 10 Science course is intended to provide a broad scientific background and assist students in preparing for more specialized courses in Grade 11 and 12. Students will engage in some hands on experiments using household items, research projects, and also learn about the

theories, models, concepts, and principles for each of the science areas/modules; Dynamics of Ecosystems; Chemistry in Action; Motion; and Weather Dynamics.

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.

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.

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

Life/Work Planning (LWP 20S)

This course assists students in taking the first step in planning and building the tools and skills needed in order to enter college, university or the work place. Career development is a life-long process; this course will help you discover your interests, work values, skills, attitudes and strengths so you can choose a career path that's right for you. You will have an opportunity to design a resume, cover letter, complete an employment application form, and volunteer within the community.

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.

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.

Art (ART 20G)

In this course, students learn about visual communication. It is about ideas and expressions, about the tools artists use and the processes they go through in order to create their art. Students will experiment with art materials and techniques as well as problem solve visual challenges. The solution to a visual problem involves written ideas and a visual journal.

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.

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.

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.

Local First Nations History (FNL 21G)

The First Nation History Course: Grade 10 informs students how the laws of Canada apply to First Nations people mainly OCN. The course encompasses an introduction treaties and treaty rights. While gaining relevant knowledge about their heritage, the students will be exposed to diverse instructional practices. Such practices include researching the history of their people, oral presentations, taking notes during lectures, collaborating on projects, as well as inquiry tactics and strategies while interviewing Elders, band officials and other band members.

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.

